

Good. Safe. Yellow.

Price List 2021
Valid from June 1st 2021

From November 1st 2021
the prices increase by

+7,9%

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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You will find further information on our general terms and conditions from page 390 onwards. All products with catalogue numbers are held in stock in Germany and can be delivered within a short time.

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 huge range of top quality abrasives. The clearly arranged categorisation into thirteen product groups will help you quickly 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.



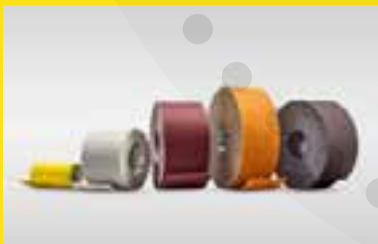
Belts

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



Fibre discs

Klingspor fibre discs are exceptionally suited for rough grinding work, rust removal, deburring and working on welded seams.



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.



Abrasive strips, sheets and discs

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



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.

General information

Product overview



Non-woven products

Klingspor offers a large variety of non-woven products. From rolled goods, belts and wheels to abrasive angle grinder mop discs and abrasive spindle mop varieties.



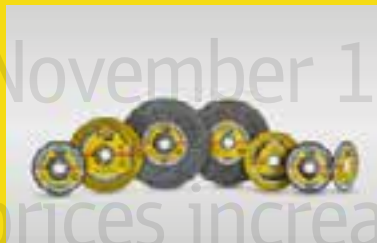
Wire brushes

Klingspor wire brushes for use on the most diverse cleaning and surface preparation applications on steel and stainless steel.



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 cutting-off wheels

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



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.



Flexible abrasives

Flexible abrasives which were developed by Klingspor for precision finishing and polishing work on all kinds of surfaces.



Carbide burrs

Klingspor carbide burrs 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.



Diamond tools

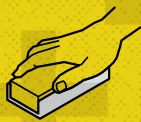
Klingspor's comprehensive range of diamond tools makes it easy for any user to work faster and with greater precision and endurance. As they are made of carefully tested premium grade materials, the products included in each product line offer a wide range of possible applications and meet the highest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

General information

Product overview



Hand sanding



Hand block



Handheld brush



Orbital sander



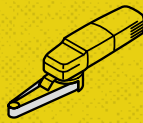
Random orbital sander



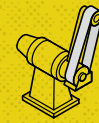
Delta sander



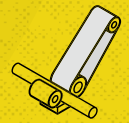
Portable belt sander



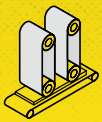
Hand tool belt grinder



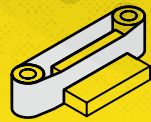
Back stand grinding machine



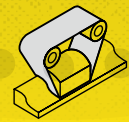
Centreless finishing machine



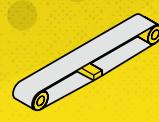
Through-feed grinding machine



Edge sanding machine



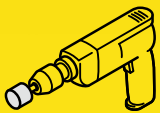
Contour finishing machine



Pad / stroke sanding machine



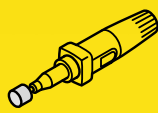
Wide belt finishing machine



Drilling machine



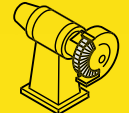
Cordless screwdriver



Die grinder



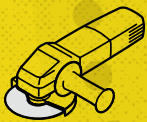
Satin finishing machine



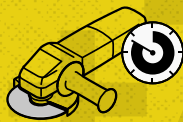
Floor standing grinder

General information

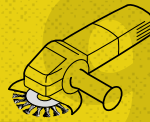
Product overview



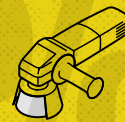
Angle grinder



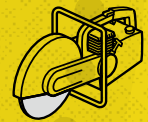
Variable speed angle grinder



Angle grinder with brush



Angle grinder with cup grinding wheel



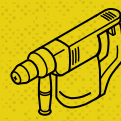
Petrol powered cutter



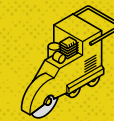
Stationary cutting machine $\leq 5\text{kW}$



Chop saw



Percussion drill



Joint cutter



Lifting beam with mottling points



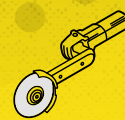
Right angle die grinder



Flexible shaft grinder



Petrol powered cutter with clamping device



Fillet weld grinder



Table saw



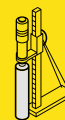
Joint router



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



Parquet sander



Drill stand

Product guide

Coated abrasives

Type	Properties	Backing	Grain type
PS 8 A	Waterproof	A-paper	SiC
PS 8 C	Waterproof	C-paper	SiC
PS 11 A	Waterproof	A-paper	SiC
PS 11 C	Waterproof	C-paper	SiC
PS 20 F		F-paper	Aluminium oxide
PS 21 F		F-paper	Zirconia alumina
PS 22 F ACT	ANTISTATIC	F-paper	Aluminium oxide
PS 22 N		E-paper	Aluminium oxide
PS 24 F ACT	ANTISTATIC	F-paper	SiC
PS 27 DW	Specially coated, ANTISTATIC	D-paper	SiC
PS 28 F	ANTISTATIC	F-paper	Aluminium oxide
PS 29 F ACT	ANTISTATIC	F-paper	Aluminium oxide
PS 30 D		D-paper	Aluminium oxide
PL 31 B		B-paper	Aluminium oxide
PS 33 B		B-paper	Aluminium oxide
PS 33 C		C-paper	Aluminium oxide
PS 38 G ACT	ANTISTATIC	G-paper	SiC
PS 524 E	ANTISTATIC	E-paper	SiC
PS 529 F	KULEX	F-paper	SiC agglomerate
PS 61 F		F-paper	Ceramic aluminium oxide
PS 729 F		F-paper	Aluminium oxide-agglomerate
FP 73 W	Specially coated	Film	Aluminium oxide
PS 73 BW	Specially coated	B-paper	Aluminium oxide
PS 73 BWF	Specially coated	B-paper + foam core	Aluminium oxide
PS 73 CWF	Specially coated	C-paper + foam core	Aluminium oxide
PS 19 EK		E-paper	SiC
PS 21 FK		F-paper	Zirconia alumina
PS 22 K		E-paper	Aluminium oxide
PS 33 BK		B-paper	Aluminium oxide
PS 33 CK		C-paper	Aluminium oxide
CS 411 XK		X-cotton	Zirconia alumina
PS 61 FK		F-paper	Ceramic aluminium oxide
FP 73 WK	Specially coated	Film	Aluminium oxide
PS 73 BWK	Specially coated	B-paper	Aluminium oxide
PS 73 CWK	Specially coated	C-paper	Aluminium oxide
PS 77 CK T-ACT	T-ACT coating	C-paper	Aluminium oxide
FP 77 K T-ACT	T-ACT coating	Film	Aluminium 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 ²
B	approx. 105 g/m ²
C	approx. 110 g/m ²
D	approx. 130 g/m ²
E	approx. 250 g/m ²
F	approx. 300 g/m ²
G	approx. 400 g/m ²

Product guide

Coated abrasives



				Page										
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Spirabands	Wide belts	Fibre discs	Strips	Sheets	Discs
PS 8 A	●	K	✓	180-2500									117	
PS 8 C	●	K	✓	60-150									117	
PS 11 A	●	K	✓	220-2000									119	
PS 11 C	●	K	✓	60-400, 600, 1000									118	140
PS 20 F	●	K		60-240, 320, 400				52		82				
PS 21 F	●	K		40, 60-320, 400				52		82				
PS 22 F ACT	●	K		40, 60-400	22			52		83		123		
PS 22 N	○	K		24, 40, 60-240, 320, 400	23									
PS 24 F ACT	●	K		80, 120-800				53		84				
PS 27 DW	○	K		180-320, 400, 600				53		84				
PS 28 F	○	K		40-320, 400-1000				54		85				
PS 29 F ACT	○	K		40-320, 400	27			54		85				
PS 30 D	○	K		40, 60-240, 320	23							123	120	
PL 31 B	○	L		40-320, 400	24							124	120	
PS 33 B	○	K		150-320, 400-600	26								122	
PS 33 C	○	K		40, 60-120	25								121	
PS 38 G ACT	●	K		80-180						86				
PS 524 E	●	K		40, 60-800				53		83				
PS 529 F		K		120, 180, 240, 320, 400				56		87				
PS 61 F	●	K		60, 80, 120-320, 400				55		86				
PS 729 F		K		180, 240, 320, 400				56		87				
FP 73 W	○	K		80-180, 240, 320, 400, 600-1500				56				128		
PS 73 BW	○	K		150-1500									122	
PS 73 BWF	○	K		180, 240, 320, 400, 600	28									
PS 73 CWF	○	K		120	27									
PS 19 EK	●	K		36, 40, 60-120, 220, 320, 400, 600, 800, 1200								125		141
PS 21 FK	●	K		40, 60-180, 240, 320, 400										141
PS 22 K	○	K		24, 40, 60-240, 320, 400								125		142
PS 33 BK	○	K		150-320, 400-600								127		148
PS 33 CK	○	K		40, 60-120								126		146
CS 411 XK	●	K		40, 60, 80										160
PS 61 FK	●	K		40, 60, 80, 120-180, 240, 280										149
FP 73 WK	○	K		80-180, 240, 320, 400, 600-1500										150
PS 73 BWK	○	K		150-1500										152
PS 73 CWK	○	K		40, 60-120										151
PS 77 CK T-ACT	○	K		60-220								129		154
FP 77 K T-ACT	○	K		240-2000								128		153

● = close ○ = semi-open ○ = open

Bonding agent

K Resin
L Glue

Product guide

Coated abrasives

Type	Properties	Backing	Grain type
CS 308 Y		Y-polyester	Aluminium oxide
LS 309 J		J-cotton	Aluminium oxide
LS 309 JF		JF-cotton	Aluminium oxide
LS 309 X		X-cotton	Aluminium oxide
LS 309 XH		X-cotton	Aluminium oxide
CS 310 X		X-cotton	Aluminium oxide
CS 310 XF		XF-cotton	Aluminium oxide
CS 311 Y ACT	ANTISTATIC	Y-polyester	Aluminium oxide
LS 312 JF		JF-cotton	Aluminium oxide
LS 313 JF	Multibond	JF-cotton	Aluminium oxide
LS 314 JF		JF-cotton	Aluminium oxide
LS 318 JF ACT	ANTISTATIC	JF-cotton, SUPERFLEX	Aluminium oxide
CS 320 Y	Waterproof	Y-polyester	SiC
CS 321 X	Waterproof	X-cotton	SiC
CS 322 X	Waterproof	X-cotton	Cork
CS 325 Y	KULEX, waterproof	Y-polyester	SiC agglomerate
CS 326 Y	KULEX, waterproof	Y-polyester	Aluminium oxide-agglomerate
CS 329 Y	KULEX	Y-polyester	Aluminium oxide-agglomerate
CS 330 X	Waterproof	X-cotton	SiC / Cork
CS 333 JF		JF-cloth	SiC
CS 333 X		X-cotton	SiC
CS 333 XF		XF-cotton	SiC
CS 336 Y	ANTISTATIC	Y-polyester	SiC
CS 341 X	Waterproof	X-cotton	Aluminium oxide
KL 361 JF		JF-cotton	Aluminium oxide
KL 371 X		X-cotton	Aluminium oxide
KL 385 JF		JF-cotton	Aluminium oxide
CS 409 Y	Multibond	Y-polyester	Zirconia alumina
CS 410 X	Multibond	X-cotton	Aluminium oxide
CS 411 X		X-cotton	Zirconia alumina
CS 411 Y	Waterproof	Y-polyester	Zirconia alumina
CS 412 Y	Waterproof	Y-polyester	Aluminium oxide
CS 416 Y	Waterproof	Y-polyester	Zirconia alumina
CS 420 Y	Waterproof, NOPPEX	Y-polyester	Aluminium oxide
CS 451 X	Multibond	X-cotton	Zirconia alumina
GX 533 JF		JF-blended cloth	SiC
CS 538 Z ACT	ANTISTATIC	Z-polyester	SiC
CS 631 XF	Multibond	XF-cotton	Ceramic aluminium oxide
CS 710 XF		XF-cotton	Aluminium oxide
GX 712 JF		JF-blended cloth	Aluminium oxide
CS 811 Y ACT	Waterproof	Y-polyester	Zirconia alumina
CS 910 Y ACT	Multibond	Y-polyester	Ceramic aluminium oxide
CS 912 Y ACT	Waterproof	Y-polyester	Ceramic aluminium oxide
CS 931 JF	Multibond	JF-cotton	Ceramic aluminium oxide
GX 931 JF	Multibond	JF-blended cloth	Ceramic aluminium oxide

Abrasive cloth

Cloth

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J	Cotton, light
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Product guide

Coated abrasives



				Page										
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Spirabands	Wide belts	Fibre discs	Strips	Sheets	Discs
CS 308 Y	●	K		40, 60-180, 240				57		88				
LS 309 J	●	K		60-500				58						
LS 309 JF	●	K		60-400, 600	29			59						
LS 309 X	●	K		40-320	29	46		57						
LS 309 XH	●	K		40-180, 240			50							
CS 310 X	●	K		24, 36-320, 400-600				59	74	88				
CS 310 XF	●	K		40-280		46								
CS 311 Y ACT	○	K		36-220				60		89				
LS 312 JF	●	K		60-320, 400				61						
LS 313 JF	●	K		80-240, 320				61						
LS 314 JF	●	K		120, 240-320, 400				62						
LS 318 JF ACT	○	K		80-180, 240, 400				62						
CS 320 Y	●	K	✓	24, 40, 60-120, 180				62		89				
CS 321 X	●	K	✓	80-320, 400, 500, 800				63		90				
CS 322 X	●	K	✓	Polishing fineness				63						
CS 325 Y		K	✓	80, 120, 180, 240, 320, 400, 600, 800, 1200				63						
CS 326 Y		K	✓	60, 80, 120, 180, 240, 320, 400, 600, 800				64		90				
CS 329 Y		K		80, 120, 180, 240, 320, 400, 600				64		91				
CS 330 X	●	K	✓	220, 280, 400, 600, 800				65		91				
CS 333 JF	●	K		120-180, 240-320				66						
Abrasive cloth CS 333 X	●	K		24, 40, 60-150				65						
CS 333 XF	●	K		60-100, 240, 280				65						
CS 336 Y	○	K		36, 40, 50						92				
CS 341 X	●	K	✓	60-320, 400, 500, 600				66		92				
KL 361 JF	●	K		30, 40-600	30							134	131	
KL 371 X	●	L		30-320, 400									132	
KL 385 JF	●	K		40, 60-320, 400, 600	33								133	
CS 409 Y	●	K		36-120				66		93				
CS 410 X	●	K		40, 60-120, 180				67						
CS 411 X	●	K		24, 36-80, 120				67						
CS 411 Y	●	K	✓	24, 36-120		47		68		93				
CS 412 Y	●	K	✓	24, 36, 40, 60-180, 240				69		94				
CS 416 Y	○	K	✓	24, 36-120				69						
CS 420 Y		K	✓	120, 180, 240, 320, 400				70						
CS 451 X	●	K		40, 60, 80					75					
GX 533 JF	●	K		80-120, 180, 240-320, 400, 600				70						
CS 538 Z ACT	●	K		36-180						94				
CS 631 XF	○	K		60-120				70						
CS 710 XF	●	K		80-180, 240		48		71						
GX 712 JF	●	K		60-320, 400				71						
CS 811 Y ACT	●	K	✓	24, 36-80				72						
CS 910 Y ACT	●	K		24, 36-80				72						
CS 912 Y ACT	●	K	✓	36-180		49		72		95				
CS 931 JF	○	K		80-120, 180, 240-320, 400				73						
GX 931 JF	○	K		60-150, 280				73						

● = close ○ = semi-open ○ = open

Bonding agent

K Resin
L Glue

Product guide

Coated abrasives

	Type	Properties	Backing	Grain type
Fibre discs	CS 561		Fibre	Aluminium oxide
	FS 764 ACT		Fibre	Aluminium oxide
	CS 565		Fibre	Zirconia alumina
	CS 570	Multibond	Fibre	Zirconia alumina
	FS 964 ACT		Fibre	Ceramic aluminium oxide
	FS 966 ACT	Multibond	Fibre	Ceramic aluminium oxide
Non-woven web and surface conditioning material	AN 400	Waterproof	Abrasive screen	Aluminium oxide
	NRO 400		Non-woven web	Aluminium oxide
	NRO 500		Non-woven web	SiC
	NPA 400		Non-woven web	Aluminium oxide
	NPA 500		Non-woven web	SiC
	SV 484		Surface conditioning material	Aluminium oxide
	NDS 400 K	Waterproof	Non-woven web with self-fastening	Aluminium oxide / SiC
	NDS 800		Surface conditioning material	Aluminium oxide
	NBF 800	Waterproof	Surface conditioning material	Aluminium oxide
	NBS 800	Waterproof	Surface conditioning material	Aluminium oxide
	FD 500	Waterproof	Foam core	Aluminium oxide / SiC
	SK 500	Abrasive hand block, flexible, waterproof	Sponge	Aluminium oxide
	SK 700 A	Abrasive hand block, waterproof	Sponge	Aluminium oxide
	SW 501	Abrasive sponge, waterproof	Sponge	Aluminium oxide
SW 501 TR	Abrasive sponge, tear resistant, waterproof	Sponge	Aluminium oxide	
SW 502	Abrasive sponge, waterproof	Sponge	SiC	
SW 510	Abrasive sponge, waterproof	Sponge	Aluminium 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 ²
B	approx. 105 g/m ²
C	approx. 110 g/m ²
D	approx. 130 g/m ²
E	approx. 250 g/m ²
F	approx. 300 g/m ²
G	approx. 400 g/m ²

Product guide

Coated abrasives



					Page									
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Spirabands	Wide belts	Fibre discs	Strips	Sheets	Discs
Fibre discs	CS 561	●	K		16-240, 320						100			
	FS 764 ACT	●	K		24, 36, 40, 60, 80, 120						102			
	CS 565	●	K		24, 36-100						103			
	CS 570	●	K		24, 36-120						104			
	FS 964 ACT	●	K		24, 36-80, 120						105			
	FS 966 ACT	●	K		24, 36-60, 80, 120						106			
Non-woven web and surface conditioning material	AN 400	○	K	✓	80-800	35						129		156
	NRO 400		K		medium, fine, very fine	204								
	NRO 500		K		medium, ultra fine	205								
	NPA 400		K		coarse, medium, very fine							205		
	NPA 500		K		medium, ultra fine, without grain							206		
	SV 484		K		coarse, medium, very fine									208
	NDS 400 K		K	✓	very fine, ultra fine									208
	NDS 800		K		coarse, medium, very fine									209
	NBF 800		K	✓	coarse, medium, very fine	206								
	NBS 800		K	✓	coarse, medium, very fine				207					
	FD 500	●	K	✓	1000, 1500, 2000, 3000									158
	SK 500	●	K	✓	60, 80, 100, 120, 180, 220, 280							135		
	SK 700 A	●	K	✓	60, 80, 100, 120							135		
SW 501	●	K	✓	120, 220							136			
SW 501 TR	●	K	✓	100-220							136			
SW 502	●	K	✓	120, 220							137			
SW 510	●	K	✓	100, 180, 220, 320							137			

● = close ○ = semi-open ○ = open

Bonding agent

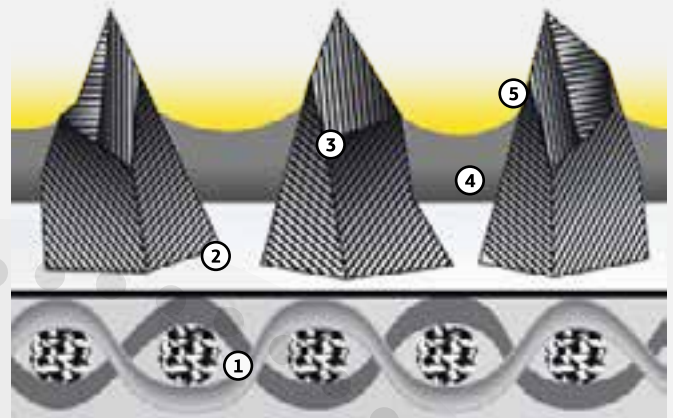
K Resin
L Glue

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 coating



From November 1st 2021

the prices increase by

Structure

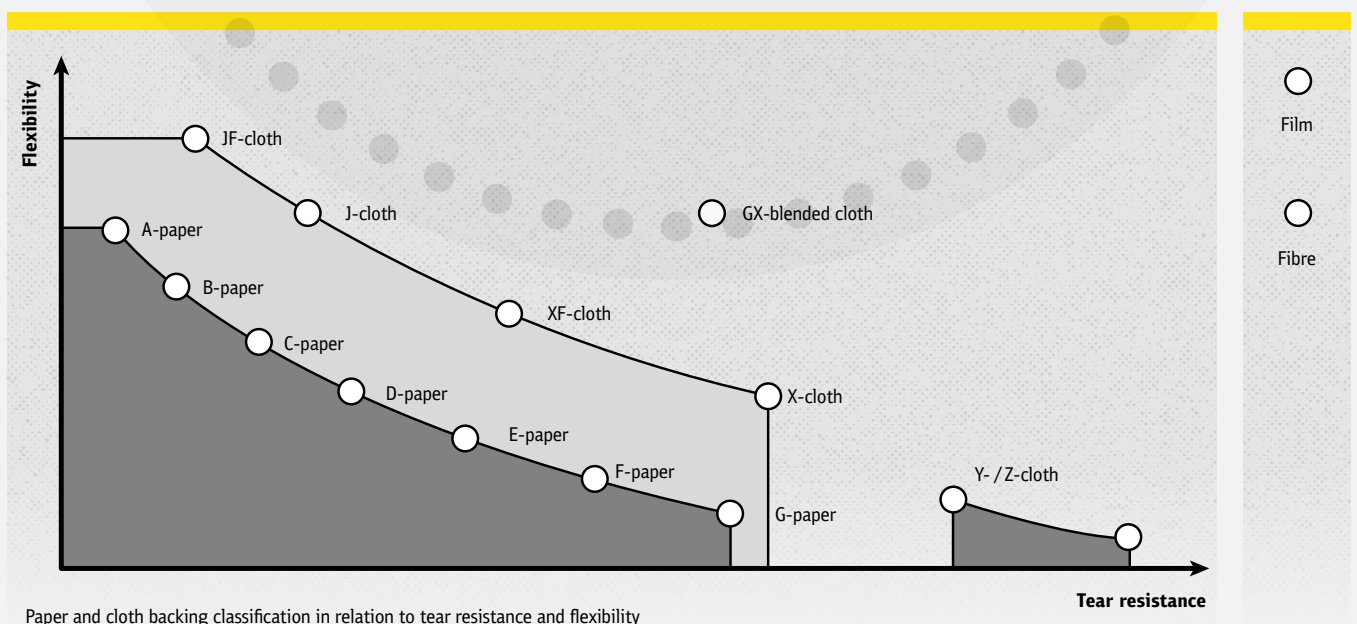
1. Coated abrasive backing

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)



Backing	Description	Application examples
A – paper	approx. 95 g/m ²	profile + surface finishing (hand)
B – paper	approx. 105 g/m ²	profile + surface finishing (hand and machine)
C – paper	approx. 110 g/m ²	surface finishing (hand and machine)
D – paper	approx. 130 g/m ²	surface finishing (hand and machine)
E – paper	approx. 250 g/m ²	surface grinding and sanding (machine)
F – paper	approx. 300 g/m ²	surface grinding and sanding (machine)
G – paper	approx. 400 g/m ²	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

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+7,9 %

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.

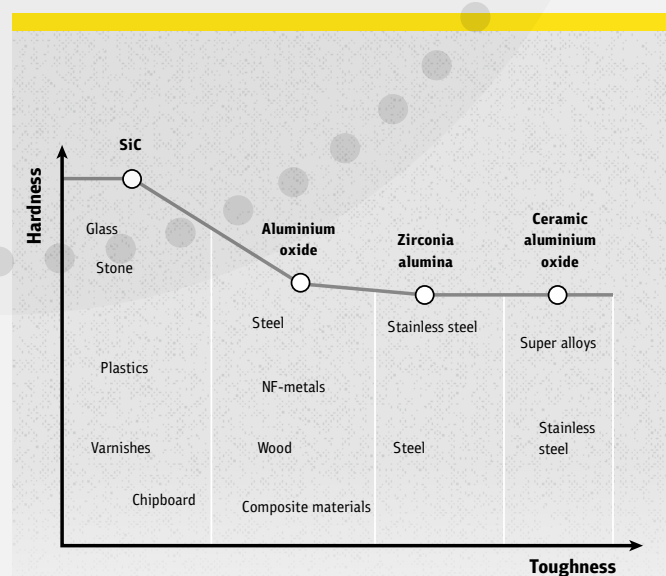
3. Grit

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:

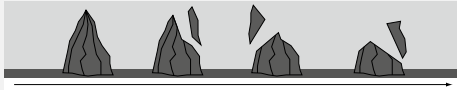

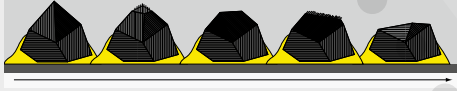
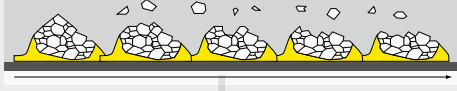
- ▶ Silicon carbide
- ▶ Aluminium oxide
- ▶ Zirconia alumina
- ▶ Ceramic aluminium oxide



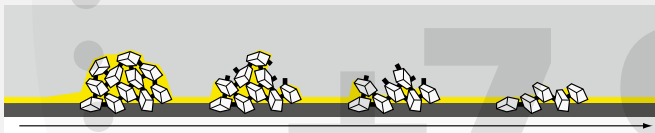
Grit classification in relation to bond, toughness and their primary applications

Coated abrasives

Applications guide

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

Grit type properties and their specific wear properties



Definition	Description
Close coating	The entire surface of the backing is coated with grit
Semi-open coating	Approx. 75% of the backing surface is coated with grit
Open coating	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 aluminium-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.

Coating

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

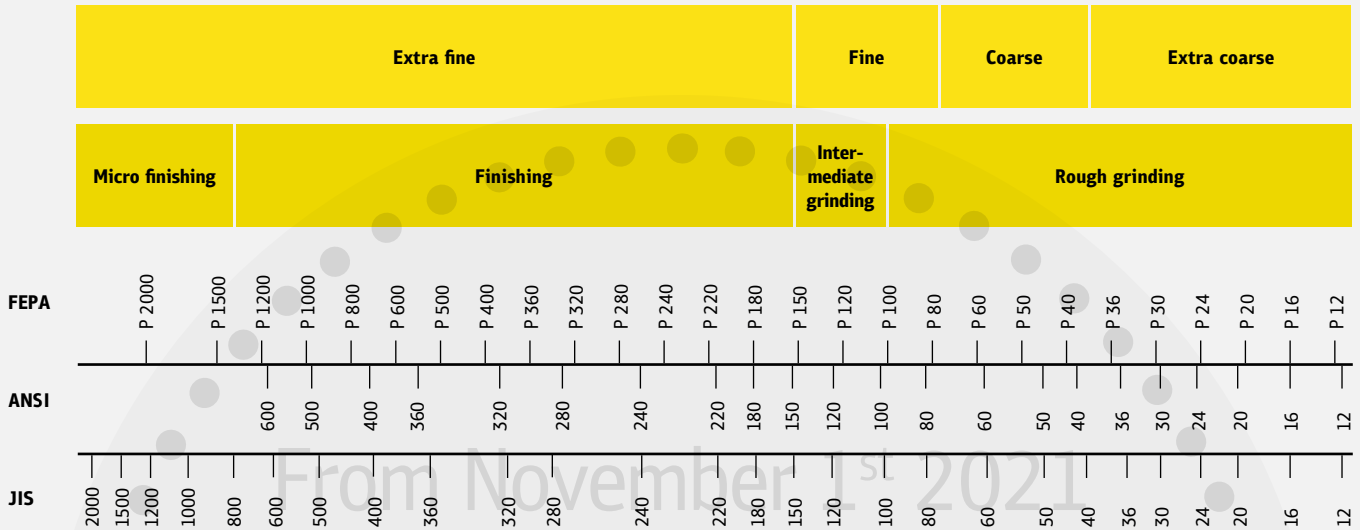
One differentiates between:

- ▶ close coating
- ▶ semi-open coating
- ▶ open coating

Open coated 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 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 coatings).

5. Special coatings

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

Stearate coating

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 coating, 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 sanding, 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 antistatic 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.



FACT
FACTORY
ANTISTATIC

About the product

Our range of abrasive rolls holds an extensive selection of high quality abrasives for use on handheld machines and for hand sanding. The vast selection of backings – from paper to cloth and from combo backings to foam and non-woven web material – combined with the wide range of available grit sizes make Klingspor's rolled abrasives the ideal solution for surface treatment and profile sanding on all common materials – be it wood, metal, and plastic or paint, varnish and filler.

Find the right product in four easy steps

Step 1: Application/Material

Select the material you wish to process from column 1 in the table below.

Step 2: Machine

Specify in column 2 if you will be working with an orbital sander or by hand.

Step 3: Shape

Decide in column 3 if the abrasive needs to be suitable for use on level surfaces, for applications on profiled workpieces or for both. The symbols used in the table indicate for each application whether the application is a main application (●) or a possible application (◐).

Step 4: Decision

Based on your pre-selection, you can pick the abrasive in column 4 of the table that matches your specific use case best. Turn to pages 14 and 15 if you require more detailed information on the listed product characteristics of grain, coating and backing.

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the prices increase

+7,9%

Type	Grit range
PS 22 F ACT	40-150
PS 28 F	60-150
PS 29 F ACT	60-150
CS 308 Y	40-80, 120
LS 309 X	40-360
LS 309 J	60-320
LS 309 JF	60-400
CS 310 X	24-400
CS 310 XF	40-280
LS 312 JF	60-320, 400
CS 321 X	80-400
CS 333 X	60, 80, 120, 150
CS 341 X	50-320
KL 361 JF	40-600
KL 385 JF	40-600
CS 410 X	60-120
CS 411 X	24-120
CS 411 Y	36-80

Paper	
B	approx. 105 g/m ²
C	approx. 110 g/m ²
D	approx. 130 g/m ²
E	approx. 250 g/m ²
F	approx. 300 g/m ²
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 made to order items

Width	Minimum order quantities	Width	Minimum order quantities
10 mm	29 pieces	80 mm	3 pieces
15 mm	19 pieces	95 mm	3 pieces
20 mm	14 pieces	100 mm	3 pieces
25 mm	12 pieces	120 mm	2 pieces
28 mm	10 pieces	125 mm	2 pieces
30 mm	10 pieces	140 mm	2 pieces
35 mm	8 pieces	150 mm	2 pieces
40 mm	7 pieces	250 mm	1 piece
50 mm	6 pieces	300 mm	1 piece
60 mm	5 pieces		



The standard length for production rolls is 50M.

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

Other sizes and grits available on request.

Rolls

Product finder

Application / material	Machine		Form		Product		Product properties			
	Hand sanding	Orbital sander	Profile	Surface	Standard	Premium	Bonding agent	Grain	Coating	Backing
Wood		●		●	<i>PS 22 N</i>		Resin	Aluminium oxide	○	E-paper
				●		<i>PS 22 F ACT</i>	Resin	Aluminium oxide	●	F-paper
				●		<i>PS 29 F ACT</i>	Resin	Aluminium oxide	○	F-paper
	●	●	●	●		<i>LS 309 JF</i>	Resin	Aluminium oxide	●	JF-cotton
	●	●	●	○	<i>PL 31 B</i>		Glue	Aluminium oxide	○	B-paper
	●		○	●	<i>PS 30 D</i>		Resin	Aluminium oxide	○	D-paper
	●		●		<i>AN 400</i>					
Varnish, paint, plastics	●		●	○	<i>PL 31 B</i>		Glue	Aluminium oxide	○	B-paper
	●		○	●	<i>PS 30 D</i>		Resin	Aluminium oxide	○	D-paper
	●	●	●	●		<i>PS 33 B</i>	Resin	Aluminium oxide	○	B-paper
	●	●	●	●		<i>PS 33 C</i>	Resin	Aluminium oxide	○	C-paper
	●		●	○		<i>PS 73 BWF</i>	Resin	Aluminium oxide	○	B-paper + foam core
	●		●	○		<i>PS 73 CWF</i>	Resin	Aluminium oxide	○	C-paper + foam core
	●		●		<i>AN 400</i>					
Metals	●		●	○	<i>KL 385 JF</i>		Resin	Aluminium oxide	●	JF-cotton
	●		●	○		<i>KL 361 JF</i>	Resin	Aluminium oxide	●	JF-cotton
	●	●		●		<i>LS 309 X</i>	Resin	Aluminium oxide	●	X-cotton
	●	●	●	●		<i>LS 309 JF</i>	Resin	Aluminium oxide	●	JF-cotton

Rolls

Product finder



Width x length [mm]	Grit size																		Page
	30	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	
115 x 50000		●		●	●	●	●	●	●	○	●		○		○				23
95 x 50000				●	●	●	●	●	●										
110 x 50000		●		●	●	●	●	●	●	○	●	○	○	○	○				
115 x 50000		●		●	●	●	●	●	●	●	●	○	○	○	○	○			22
150 x 50000				○	●	●	●	○	○	○	○	○	○	○	○				
200 x 50000		●		●	●	○	●	○	○	○	○	○	○	○	○				
110 x 50000		○	○	○	●	●	●	●	●	○	○	○	○	○	○				27
115 x 50000		○	○	●	●	●	●	●	○	○	○	○	○	○	○				
1) ¹⁾				○	○	○	○	○	○	○	○	○	○	○	○		○	○	29
95 x 50000		●	○	●	●	●	●	○	●	○	●	○	○		○				
110 x 50000		●	○	●	●	●	●	●	●	●	●	●	●		●				24
115 x 50000		●	○	●	●	●	●	●	●	●	●	●	●		●				
115 x 4500		●		●	●	●	●	●	●	○	○		○						23
115 x 50000		●		●	●	●	●	●	●	○	●		●						35
95 x 50000		●	○	●	●	●	●	○	●	○	●	○	○		○				
110 x 50000		●	○	●	●	●	●	●	●	●	●	●	●		●				24
115 x 50000		●	○	●	●	●	●	●	●	●	●	●	●		●				
115 x 4500		●		●	●	●	●	●	●	○	○		○						23
115 x 50000		●		●	●	●	●	●	●	○	●		●						
110 x 50000								●	●	●	●	●	●		●	○	○		26
115 x 50000								●	●	●	●	●	●		●	○	○		
110 x 50000		○		●	●	●	●												25
115 x 50000		○		●	●	●	●												
115 x 25000								●	●		●		●		●		●		28
115 x 25000							●												27
																			35
25 x 50000		○	○	●	●	●	●	○	○	○	○	○	○		○		○		
40 x 50000		●	○	●	●	●	●	●	●	●	●	○	●		●		○		
50 x 50000		●	○	●	●	●	●	●	●	●	●	○	●		●		○		33
115 x 50000		●	○	●	●	●	●	●	●	○	●	○	●		●		○		
80 x 50000	○	○	○	○	●	○	●	●	○	○	○	○	○	○	○	○	○	○	
100 x 50000	○	●	●	●	●	●	●	●	●	●	●	○	●	○	●	○	●		
110 x 50000	○	●	○	●	●	●	●	○	●	○	●	○	○	○	○	○	○		30
115 x 50000	○	●	○	●	●	●	●	●	●	○	●	○	●	○	○	○	○		
120 x 50000	○	○	○	●	●	●	●	○	●	○	○	○	○	○	○	○	○		
150 x 50000	○	●	○	●	●	●	●	●	○	○	○	○	○	○	○	○	○		
1) ¹⁾		○	○	○	○	○	○	○	○	○	○	○	○		○				29
1) ¹⁾				○	○	○	○	○	○	○	○	○	○		○		○	○	30

Rolls

¹⁾ All dimensions in minimum order quantities are available on request. ● Stock items ○ Made to order items
Other sizes available on request.

Rolls with paper backing

Coated abrasives

Abrasive paper

PS 22 F ACT



Properties

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

Applications:

Wood	●	NF metals	●
Metals	○		
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:

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
95 x 50000	60	1	20822	82,65 €	1
95 x 50000	80	1	20850	72,39 €	1
95 x 50000	100	1	20884	65,95 €	1
95 x 50000	120	1	20916	65,95 €	1
95 x 50000	150	1	20940	65,95 €	1
95 x 50000	180	1	20960	65,95 €	1
110 x 50000	40	1	2969	121,01 €	1
110 x 50000	60	1	2971	95,73 €	1
110 x 50000	80	1	2972	83,81 €	1
110 x 50000	100	1	2973	76,36 €	1
110 x 50000	120	1	2974	76,36 €	1
110 x 50000	150	1	2975	76,36 €	1
110 x 50000	180	1	2976	76,36 €	1
110 x 50000	240	1	2978	77,11 €	1
115 x 50000	40	1	2983	126,52 €	1
115 x 50000	60	1	2985	100,07 €	1
115 x 50000	80	1	2986	87,61 €	1
115 x 50000	100	1	2987	79,85 €	1
115 x 50000	120	1	2988	79,85 €	1
115 x 50000	150	1	2989	79,85 €	1
115 x 50000	180	1	2990	79,85 €	1
115 x 50000	220	1	2991	80,63 €	1
115 x 50000	240	1	2992	80,63 €	1
150 x 50000	80	1	3014	114,28 €	1
150 x 50000	120	1	3016	104,16 €	1
200 x 50000	40	1	3053	220,01 €	1
200 x 50000	60	1	3055	174,03 €	1
200 x 50000	80	1	3056	152,40 €	1
200 x 50000	120	1	3058	138,84 €	1

Recommended prices.

Rolls with paper backing

Coated abrasives



Rolls

Abrasive paper

PS 22 N



Properties

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

Applications:

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

Advantages: Universal product for hand sanding and handheld machine sanding of virtually any material - Large grit range allows use from rough sanding to 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
Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																			
115 x 50000	40	1	244611	116,96 €	1																			
115 x 50000	60	1	244612	92,68 €	1																			
115 x 50000	80	1	244613	81,26 €	1																			
115 x 50000	100	1	244614	74,12 €	1																			
115 x 50000	120	1	244615	74,12 €	1																			
115 x 50000	150	1	244616	74,12 €	1																			
115 x 50000	180	1	244599	74,12 €	1																			
115 x 50000	240	1	244597	74,81 €	1																			

Abrasive paper

PS 30 D



Properties

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

Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	○

Advantages: Sharp grit and high aggressiveness for use on wood, varnish, fillers - Flexible and tear resistant, easy folding - Product with 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
Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																			
115 x 4500	40	10	174094	6,38 €	1																			
115 x 4500	60	10	174095	5,19 €	1																			
115 x 4500	80	10	174096	4,74 €	1																			
115 x 4500	100	10	174097	4,37 €	1																			
115 x 4500	120	10	174098	4,37 €	1																			

Recommended prices.



Rolls with paper backing

Coated abrasives

►► Continuation of PS 30 D, Abrasive paper

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 4500	150	10	174099	4,37 €	1
115 x 4500	180	10	174100	4,37 €	1
115 x 50000	40	1	174086	52,45 €	1
115 x 50000	60	1	174088	42,75 €	1
115 x 50000	80	1	174089	38,21 €	1
115 x 50000	100	1	174090	35,34 €	1
115 x 50000	120	1	174091	35,34 €	1
115 x 50000	150	1	174092	35,34 €	1
115 x 50000	180	1	174093	35,34 €	1
115 x 50000	240	1	182418	35,62 €	1
115 x 50000	320	1	182419	35,62 €	1

Finishing paper

PL 31 B



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 handheld machine 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
95 x 50000	60	1	3281	37,19 €	1
95 x 50000	80	1	3282	33,18 €	1
95 x 50000	100	1	3191	30,64 €	1
95 x 50000	120	1	3192	30,64 €	1
95 x 50000	180	1	3194	30,64 €	1
95 x 50000	240	1	3196	30,89 €	1
110 x 50000	40	1	3287	52,98 €	1
110 x 50000	60	1	3289	43,06 €	1
110 x 50000	80	1	3290	38,40 €	1
110 x 50000	100	1	3213	35,49 €	1
110 x 50000	120	1	3214	35,49 €	1
110 x 50000	150	1	3215	35,49 €	1
110 x 50000	180	1	3216	35,49 €	1
110 x 50000	220	1	3217	35,77 €	1
110 x 50000	240	1	3218	35,77 €	1
110 x 50000	280	1	3219	35,77 €	1
110 x 50000	320	1	3220	35,77 €	1
110 x 50000	400	1	3222	35,77 €	1
115 x 50000	40	1	3291	55,39 €	1

Recommended prices.



Rolls with paper backing

Coated abrasives



Rolls

►► Continuation of PL 31 B, Finishing paper

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 50000	60	1	3293	45,04 €	1
115 x 50000	80	1	3294	40,16 €	1
115 x 50000	100	1	3224	37,10 €	1
115 x 50000	120	1	3225	37,10 €	1
115 x 50000	150	1	3226	37,10 €	1
115 x 50000	180	1	3227	37,10 €	1
115 x 50000	220	1	3228	37,41 €	1
115 x 50000	240	1	3229	37,41 €	1
115 x 50000	280	1	3230	37,41 €	1
115 x 50000	320	1	3231	37,41 €	1
115 x 50000	400	1	3233	37,41 €	1

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: Very high removal rate - Minimal clogging due to active abrasive substances - Longer service life - Good tear resistance and flexibility

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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 50000	60	1	146981	59,73 €	1
110 x 50000	80	1	146982	52,77 €	1
110 x 50000	100	1	146983	48,44 €	1
110 x 50000	120	1	146386	48,44 €	1
115 x 50000	60	1	155815	62,45 €	1
115 x 50000	80	1	147575	55,18 €	1
115 x 50000	100	1	147576	50,62 €	1
115 x 50000	120	1	153398	50,62 €	1

Recommended prices.

Rolls with paper backing

Coated abrasives

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: Very high removal rate - Minimal clogging due to active abrasive substances - Longer service life - Good tear resistance and flexibility

Available grits:

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 50000	150	1	148494	48,44 €	1
110 x 50000	180	1	147935	48,44 €	1
110 x 50000	220	1	148495	48,87 €	1
110 x 50000	240	1	147114	48,87 €	1
110 x 50000	280	1	148496	48,87 €	1
110 x 50000	320	1	147110	48,87 €	1
110 x 50000	400	1	146387	48,87 €	1
115 x 50000	150	1	153177	50,62 €	1
115 x 50000	180	1	149480	50,62 €	1
115 x 50000	220	1	149698	51,09 €	1
115 x 50000	240	1	147055	51,09 €	1
115 x 50000	280	1	165031	51,09 €	1
115 x 50000	320	1	148891	51,09 €	1
115 x 50000	400	1	145520	51,09 €	1

Recommended prices.

Rolls with paper backing

Coated abrasives



Rolls

Abrasive paper, ANTISTATIC

PS 29 F ACT



Properties

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

Applications:

Wood	●
Paint/Varnish/Filler	⓪

Advantages: High aggressiveness and long service life when used on wood (especially softwood) due to ACT recipe - High edge stability - Premium product for wood in general, 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 50000	80	1	307878	80,38 €	1
110 x 50000	100	1	307879	73,27 €	1
110 x 50000	120	1	307880	73,27 €	1
110 x 50000	150	1	307881	73,27 €	1
110 x 50000	180	1	307882	73,27 €	1
115 x 50000	60	1	307884	95,92 €	1
115 x 50000	80	1	302592	84,03 €	1
115 x 50000	100	1	307885	76,61 €	1
115 x 50000	120	1	302591	76,61 €	1
115 x 50000	150	1	307886	76,61 €	1

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 due to elastic and conforming foam backing, therefore preventing over sanding of thin coatings and providing 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 pre-perforated roll out of a dispenser box - Dimensions of abrasive pads: 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 25000	120	1	321755	60,87 €	1

Recommended prices.

Rolls with paper backing

Coated abrasives

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 due to elastic and conforming foam backing, therefore preventing over sanding of thin coatings and providing 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 pre-perforated roll out of a dispenser box - Dimensions of abrasive pads: 115 x 140 mm, approx. 180 pcs

Available grits:

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 25000	150	1	325711	54,90 €	1
115 x 25000	180	1	321756	54,90 €	1
115 x 25000	240	1	321757	54,90 €	1
115 x 25000	320	1	321758	54,90 €	1
115 x 25000	400	1	321760	54,90 €	1
115 x 25000	600	1	325022	54,90 €	1

From November 2021 the prices increase by +7,9 %

Recommended prices.

Rolls with cloth backing

Coated abrasives



Abrasive cloth

LS 309 X



Properties

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

Applications:

Metals	●
Wood	●

Advantages: High-quality universal abrasive cloth for diverse applications in metal and woodworking - 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

LS 309 JF



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

All sizes and minimum purchasing quantities available on request

Recommended prices.

Rolls with cloth backing

Coated abrasives

Abrasive cloth

LS 309 JF slashed



Properties

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

Applications:

Metals	●
Wood	●

Advantages: Outstanding adaptation for use on turned parts - Individual applications due to different slotting variants

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, 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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 50000	40	1	3769	44,50 €	2
25 x 50000	60	1	3771	39,00 €	2
25 x 50000	80	1	3772	36,40 €	2
25 x 50000	100	1	3773	34,80 €	2
25 x 50000	120	1	3774	34,80 €	2
25 x 50000	150	1	3775	34,80 €	2
25 x 50000	180	1	3776	34,80 €	2
25 x 50000	220	1	3777	35,10 €	2
25 x 50000	240	1	3778	35,10 €	2
25 x 50000	320	1	3780	35,10 €	2
25 x 50000	400	1	3782	35,10 €	2
25 x 50000	600	1	64825	35,10 €	2
30 x 50000	60	1	3787	46,80 €	2

Recommended prices.



Rolls with cloth backing

Coated abrasives



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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 50000	80	1	91286	43,70 €	2
30 x 50000	100	1	3789	41,80 €	2
30 x 50000	120	1	3790	41,80 €	2
30 x 50000	150	1	3791	41,80 €	2
30 x 50000	180	1	3792	41,80 €	2
30 x 50000	240	1	3794	42,20 €	2
30 x 50000	320	1	3796	42,20 €	2
30 x 50000	400	1	3798	42,20 €	2
40 x 25000	40	1	4201	36,10 €	2
40 x 25000	50	1	4202	33,70 €	2
40 x 25000	60	1	4203	31,50 €	2
40 x 25000	80	1	4204	29,40 €	2
40 x 25000	100	1	4205	28,00 €	2
40 x 25000	120	1	4206	28,00 €	2
40 x 25000	150	1	4207	28,00 €	2
40 x 25000	180	1	4208	28,00 €	2
40 x 25000	220	1	4209	28,30 €	2
40 x 25000	240	1	4210	28,30 €	2
40 x 25000	320	1	4212	28,30 €	2
40 x 25000	400	1	4214	28,30 €	2
40 x 50000	40	1	3833	68,80 €	2
40 x 50000	60	1	3835	60,10 €	2
40 x 50000	80	1	3836	56,00 €	2
40 x 50000	100	1	3837	53,40 €	2
40 x 50000	120	1	3838	53,40 €	2
40 x 50000	150	1	3839	53,40 €	2
40 x 50000	180	1	3840	53,40 €	2
40 x 50000	220	1	3841	53,90 €	2
40 x 50000	240	1	3842	53,90 €	2
40 x 50000	280	1	3843	53,90 €	2
40 x 50000	320	1	3844	53,90 €	2
40 x 50000	360	1	3845	53,90 €	2
40 x 50000	400	1	3846	53,90 €	2
40 x 50000	600	1	64830	53,90 €	2
50 x 25000	40	1	4217	45,20 €	2
50 x 25000	60	1	4219	39,40 €	2
50 x 25000	80	1	4220	36,70 €	2
50 x 25000	100	1	4221	35,00 €	2
50 x 25000	120	1	4222	35,00 €	2
50 x 25000	150	1	4223	35,00 €	2
50 x 25000	180	1	4224	35,00 €	2
50 x 25000	220	1	4225	35,40 €	2
50 x 25000	240	1	4226	35,40 €	2
50 x 25000	320	1	4228	35,40 €	2
50 x 25000	400	1	4230	35,40 €	2
50 x 25000	600	1	64831	35,40 €	2
50 x 50000	40	1	3849	86,00 €	2
50 x 50000	50	1	3850	80,20 €	2
50 x 50000	60	1	3851	75,10 €	2
50 x 50000	80	1	3852	70,00 €	2
50 x 50000	100	1	3853	66,80 €	2

Recommended prices.



Rolls with cloth backing

Coated abrasives

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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 50000	120	1	3854	66,80 €	2
50 x 50000	150	1	3855	66,80 €	2
50 x 50000	180	1	3856	66,80 €	2
50 x 50000	220	1	3857	67,40 €	2
50 x 50000	240	1	3858	67,40 €	2
50 x 50000	280	1	3859	67,40 €	2
50 x 50000	320	1	3860	67,40 €	2
50 x 50000	360	1	3861	67,40 €	2
50 x 50000	400	1	3862	67,40 €	2
50 x 50000	500	1	3863	67,40 €	2
50 x 50000	600	1	64832	67,40 €	2

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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
80 x 50000	80	1	3900	109,73 €	2
80 x 50000	120	1	3902	104,58 €	2
80 x 50000	150	1	3903	104,58 €	2
100 x 50000	40	1	3913	169,30 €	2
100 x 50000	50	1	3914	157,70 €	2
100 x 50000	60	1	3915	147,44 €	2
100 x 50000	80	1	3916	137,14 €	2
100 x 50000	100	1	3917	130,73 €	2
100 x 50000	120	1	3918	130,73 €	2
100 x 50000	150	1	3919	130,73 €	2
100 x 50000	180	1	3920	130,73 €	2
100 x 50000	220	1	3921	131,99 €	2
100 x 50000	240	1	3922	131,99 €	2
100 x 50000	320	1	3924	131,99 €	2
100 x 50000	400	1	3926	131,99 €	2
100 x 50000	600	1	64835	131,99 €	2
110 x 50000	40	1	3929	186,23 €	2
110 x 50000	60	1	3931	162,19 €	2
110 x 50000	80	1	3932	150,85 €	2

Recommended prices.



Rolls with cloth backing

Coated abrasives



Rolls

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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 50000	100	1	3933	143,81 €	2
110 x 50000	120	1	3934	143,81 €	2
110 x 50000	180	1	3936	143,81 €	2
110 x 50000	240	1	3938	145,20 €	2
115 x 50000	40	1	3945	194,69 €	2
115 x 50000	60	1	3947	169,55 €	2
115 x 50000	80	1	3948	157,74 €	2
115 x 50000	100	1	3949	150,34 €	2
115 x 50000	120	1	3950	150,34 €	2
115 x 50000	150	1	3951	150,34 €	2
115 x 50000	180	1	3952	150,34 €	2
115 x 50000	240	1	3954	151,80 €	2
115 x 50000	320	1	3956	151,80 €	2
120 x 50000	60	1	3963	176,91 €	2
120 x 50000	80	1	3964	164,59 €	2
120 x 50000	100	1	3965	156,88 €	2
120 x 50000	120	1	3966	156,88 €	2
120 x 50000	180	1	3968	156,88 €	2
150 x 50000	40	1	3977	253,94 €	2
150 x 50000	60	1	3979	221,16 €	2
150 x 50000	80	1	3980	205,71 €	2
150 x 50000	100	1	3981	196,08 €	2
150 x 50000	120	1	3982	196,08 €	2
150 x 50000	150	1	3983	196,08 €	2

From November 1st 2021 the prices increase by +7,9%

Abrasive cloth, brown

KL 385 JF



Properties

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

Applications:

Metals	●
NF metals	●
Stainless steel	⓪
Plastic	⓪
Wood	⓪

Advantages: Attractively priced universal product for profile grinding - 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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 50000	60	1	218196	28,80 €	2
25 x 50000	80	1	218197	27,00 €	2
25 x 50000	100	1	218198	25,90 €	2
25 x 50000	120	1	218199	25,90 €	2
40 x 50000	40	1	218077	49,80 €	2
40 x 50000	60	1	218079	43,70 €	2

Recommended prices.



Rolls with cloth backing

Coated abrasives

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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
40 x 50000	80	1	218080	40,80 €	2
40 x 50000	100	1	218081	39,00 €	2
40 x 50000	120	1	218082	39,00 €	2
40 x 50000	150	1	218083	39,00 €	2
40 x 50000	180	1	218084	39,00 €	2
40 x 50000	220	1	218085	39,30 €	2
40 x 50000	240	1	218086	39,30 €	2
40 x 50000	320	1	218088	39,30 €	2
40 x 50000	400	1	218090	39,30 €	2
50 x 50000	40	1	218094	62,30 €	2
50 x 50000	60	1	218096	54,60 €	2
50 x 50000	80	1	218097	51,00 €	2
50 x 50000	100	1	218098	48,70 €	2
50 x 50000	120	1	218099	48,70 €	2
50 x 50000	150	1	218100	48,70 €	2
50 x 50000	180	1	218101	48,70 €	2
50 x 50000	220	1	218102	49,20 €	2
50 x 50000	240	1	218103	49,20 €	2
50 x 50000	320	1	218105	49,20 €	2
50 x 50000	400	1	218107	49,20 €	2

From November 1st 2021 the prices increase by

Abrasive cloth, brown

KL 385 JF



Properties

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

Applications:

Metals	●	Wood	⓪
NF metals	●		
Stainless steel	⓪		
Plastic	⓪		

Advantages: Attractively priced universal product for profile grinding - 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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 5000	60	1	278789	16,60 €	2
115 x 5000	80	1	278790	15,60 €	2
115 x 5000	120	1	278791	14,80 €	2
115 x 5000	320	1	278792	15,00 €	2
115 x 50000	40	1	224650	140,09 €	2
115 x 50000	60	1	228151	122,42 €	2
115 x 50000	80	1	228363	114,09 €	2
115 x 50000	100	1	228364	108,91 €	2
115 x 50000	120	1	228365	108,91 €	2
115 x 50000	150	1	228370	108,91 €	2

Recommended prices.



Rolls with cloth backing / Abrasive screen

Coated abrasives



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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 50000	180	1	228366	108,91 €	2
115 x 50000	240	1	228367	109,94 €	2
115 x 50000	320	1	228368	109,94 €	2
115 x 50000	400	1	228369	109,94 €	2

ROLL-BOX

ROLL-BOX



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 in mm

Packing unit/pcs.

Cat. number

Price/pc. €

Discount group

300 x 340 x 230

1

76403

114,65 €

14

Abrasive screen, self-fastening, waterproof

AN 400



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester screen

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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 10000	80	1	348458	45,24 €	7
115 x 10000	100	1	353063	40,82 €	7
115 x 10000	120	1	348418	40,82 €	7
115 x 10000	150	1	349059	40,82 €	7

Recommended prices.



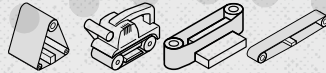
Abrasive screen / Graphite coated canvas / Self-fastening support

► Continuation of AN 400 Abrasive screen, self-fastening, waterproof

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 10000	180	1	353062	40,82 €	7
115 x 10000	240	1	349058	40,82 €	7
115 x 10000	320	1	353061	40,82 €	7
115 x 10000	400	1	353060	40,82 €	7

Graphite coated canvas

CS 395 X



Properties

Grain	Graphite
Coating	Lamellar
Backing	X-cloth
Thickness	1,5 mm

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

No self-fastening support

All sizes and minimum purchasing quantities available on request

Self-fastening support

CS 396 Y



Properties

Engaging elements	Mushroom heads
Thickness	1,5 mm
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

All sizes and minimum purchasing quantities available on request

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %



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 customised applications, e.g. for furniture production to enable fast and clean preparation of large surfaces ready for painting
- ▶ Wide range of sizes
- ▶ Backings made of paper, cloth and film
- ▶ Superior tear resistance of all products

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel	LS 309 J	Aluminium oxide	J-cotton	●	Flexible abrasive cloth for processing slightly profiled workpieces, high stock removal rate, particularly suited for metal	58
	LS 309 JF	Aluminium oxide	JF-cotton	●	Highly flexible abrasive cloth for highly profiled workpieces for the manufacture of fine surfaces in metal and woodworking	59
	LS 309 X	Aluminium oxide	X-cotton	●	Universal abrasive cloth for metal and woodworking, good price-performance ratio	46, 57
	LS 309 XH	Aluminium oxide	X-cotton	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	50
	CS 310 X	Aluminium oxide	X-cotton	●	Abrasive cloth for metal and woodworking with stable cloth backing, for heavy duty with particularly long service life	59, 74, 88
	CS 341 X	Aluminium oxide	X-cotton waterproof	●	Waterproof abrasive cloth for wet grinding on steel and stainless steel, particularly suited for centreless and surface grinding	66, 92
	CS 308 Y	Aluminium oxide	Y-polyester	●	Polyester abrasive cloth with close coating for working with metal and surface grinding of hardwood	57, 88
Stainless steel	PS 61 F	Ceramic aluminium oxide	F-paper	●	Close coating, 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	55, 86
	LS 312 JF	Aluminium oxide	JF-cotton	●	Highly versatile and flexible premium product for stainless steel components such as fixtures, fittings and surgical instruments	61
	LS 313 JF	Aluminium oxide	JF-cotton	●	Highly flexible high quality product for stainless steel shaped parts, additional multibond for cool grinding and long service life	61
	CS 931 JF	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 coated self-sharpening ceramic grit. Multibond for cool grinding with no discolouration	73
	GX 931 JF	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	73
	GX 712 JF	Aluminium 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	71
	CS 631 XF	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	70
	CS 410 X	Aluminium oxide	X-cotton	●	Abrasive material with stable cloth backing, multibond for long service life, especially suited for stainless steel processing	67
	CS 411 X	Zirconia alumina	X-cotton	●	High performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	67
	CS 411 Y	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	47, 68, 93
	CS 416 Y	Zirconia alumina	Y-polyester	○	Extra tear resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coating	69
CS 409 Y	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	66, 93	

● = close ○ = semi-open ○ = open



Abrasive belts

Applications guide

Application	Type	Grain	Backing	Coating	Characteristics	Page
Stainless steel	CS 912 Y ACT	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	49, 72, 95
	CS 910 Y ACT	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	72
	CS 330 X	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	65, 91
	CS 326 Y	Aluminium oxide agglomerate	Y-polyester		Long life belt for wet grinding with uniform scratch pattern for centreless circular and surface grinding	64, 90
	CS 329 Y	Aluminium oxide agglomerate	Y-polyester		Long life belt with consistent surface finish for centreless circular and surface grinding. Aggressive grinding behaviour with low tool pressure	64, 91
	CS 420 Y	Aluminium 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	70
	CS 325 Y	SiC agglomerate	Y-polyester		Long life belt with consistent surface finish for centreless finishing	63
	CS 451 X	Zirconia alumina	X-cotton	●	Abrasive cloth with a stable backing for use under heavy load. Especially well suited for work on stainless steel	75
Steel / Stainless steel	PS 20 F	Aluminium oxide	F-paper	●	Close coating and heavy, tear resistant backing for high stock removal rate and a long service life for metalworking	52, 82
	PS 21 F	Zirconia alumina	F-paper	●	Close coating, 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	52, 82
	PS 529 F	SiC agglomerate	F-paper		Long life abrasive belt for a brilliant and glossy finish at low to medium tool pressure. Extra long service life at consistent surface roughness. Ideal for dry sanding applications performed with wide belt and long belt sanders	56, 87
	PS 729 F	Aluminium 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	87
	CS 412 Y	Aluminium oxide	Y-polyester	●	Sturdy and highly tear resistant polyester backing for coarse and intermediate grinding on metal	69, 94
	CS 310 XF	Aluminium oxide	XF-cotton	●	Flexible abrasive cloth for profiled metal formed parts, standard quality for use with hand tool belt grinders	46
	CS 411 X	Zirconia alumina	X-cotton	●	High performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	67
	CS 411 Y	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	47, 68, 93
	CS 416 Y	Zirconia alumina	Y-polyester	○	Extra tear resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coating	69
	CS 330 X	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	65, 91
	CS 710 XF	Aluminium oxide	XF-cotton	●	Flexible abrasive belt with hardened aluminium oxide grains for working on surfaces and moulded parts	48, 71
	CS 811 Y ACT	Zirconia alumina	Y-polyester	●	Excellent grain adhesion, stable, highly tear resistant polyester backing for particularly heavy duty during rough grinding and deburring of steel and stainless steel. High quality zirconia alumina for highest aggressiveness over the complete service life	72
	NF metals	CS 333 JF	SiC	JF-cotton	●	Highly flexible abrasive belt for metal shaped parts, particularly suited for NF metals
CS 333 XF		SiC	XF-cotton	●	Flexible abrasive belt for metal shaped parts, particularly for NF metals	65
GX 533 JF		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	70
GX 712 JF		Aluminium 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	71
LS 314 JF		Aluminium oxide	JF-cotton	●	Flexible abrasive belt with hardened aluminium oxide grains for working on surfaces and moulded parts	62
Wood	PS 22 F ACT	Aluminium oxide	F-paper	●	Close coating 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	52, 83
	PS 28 F	Aluminium oxide	F-paper	○	Open coating 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	54, 85
	PS 29 F ACT	Aluminium oxide	F-paper	○	Abrasive belt with outstanding service life. Open coating, 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	54, 85
	PS 38 G ACT	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	86

● = close ○ = semi-open ○ = open



Application	Type	Grain	Backing	Coating	Characteristics	Page
Wood	LS 309 X	Aluminium oxide	X-cloth	●	Universal abrasive cloth for metal and woodworking, good price-performance ratio	46, 57
	LS 309 XH	Aluminium oxide	X-cloth	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	50
	CS 311 Y ACT	Aluminium oxide	Y-polyester	○	Aluminium oxide quality with an open coating on tear resistant polyester backing for calibration and intermediate sanding when working with wood	60, 89
	CS 308 Y	Aluminium oxide	Y-polyester	●	Polyester abrasive cloth with close coating for working with metal and sanding of hardwood	57, 88
	LS 318 JF ACT	Aluminium 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	62
	CS 538 Z ACT	SiC	Z-polyester (can be segmented)	●	Special product for the timber products industry. A close coating and antistatic technology ensure an optimal service life. The sharp silicon carbide easily penetrates high density material surfaces	94
	CS 336 Y	SiC	Y-polyester	●	Special product for calibrating and sanding of chipboard	92
Paint / Varnish / Filler	PS 24 F ACT	SiC	F-paper	●	Close coating, a stable backing with hard silicon carbide grit for painted and coated surfaces in the timber and especially the furniture industry	53, 84
	PS 27 DW	SiC	D-paper	○	Open coating and a special stearate coating prevent premature clogging and loading of the belt. Special product for high quality varnish surfaces, particularly UV varnish	53, 84
	PS 524 E	SiC	E-paper	●	Close coating with hard silicon carbide grain for painted and filled surfaces in the wood and furniture industry	53, 83
	FP 73 W	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 coating	56
Plastic	GX 533 JF	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	70
Glass	CS 322 X	(Cork)	X-cloth waterproof		Special belt for polishing glass	63
Plastic / Glass	CS 333 X	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)	65
	CS 320 Y	SiC	Y-polyester	●	Highly tear resistant special belt for high demands for wet and dry grinding of glass, ceramic and plastic	62, 89
	CS 321 X	SiC	X-cloth	●	Special belt for wet and dry grinding of glass, ceramic and plastic	63, 90

● = close ● = semi-open ○ = open

Minimum order quantities for made to order items

Width	Minimum order quantities
3–50 mm	30 pieces
51–60 mm	25 pieces
61–75 mm	20 pieces
76–100 mm	15 pieces
101–150 mm	10 pieces
151–300 mm	10 pieces
301–400 mm	30 pieces
401 mm and wider	10 pieces



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

The minimum length of production belts is 281 mm (cloth and paper backing)

Other sizes and grits available on request.

Short and long belts

Applications guide

Belt joints for long and short belts

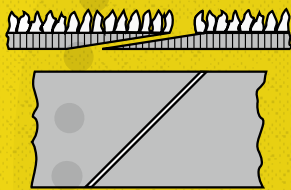
Klingspor supplies belts with various types of joints. The type of joint you require depends on the work involved and the machine you are using. The following illustrations show the usual types of joint.

The available types of joints are listed in the product charts on the following pages.

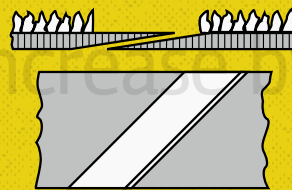
If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.

From November 1st 2021

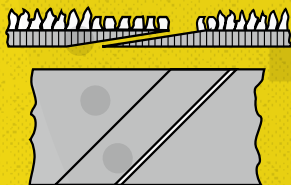
the prices increase by 7,9%



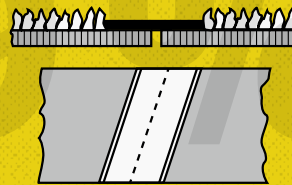
Type 1
Diagonal cut, glued overlapped.



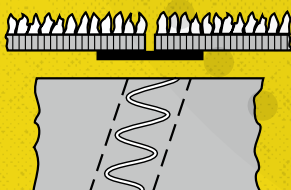
Type 5
Overlapping glued joint. Grit zone is completely ground off. Preferred joint for wood finishes with flat contact elements.



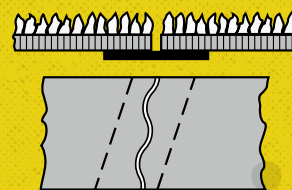
Type 2
Diagonal cut, glued overlapped. Grain tips are completely removed from the overlap to provide for a smoother running belt.



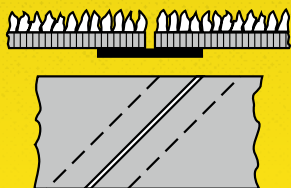
Type 6 G
Diagonal cut, butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use on machines with planar contact elements.



Type 3 G
Zig zag joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, in particular glass.



Type 7 G
Sine joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, for demanding requirements.



Type 4 G
Diagonal cut. Butt joint with cloth-reinforced foil backing. Also suitable for working on unsupported belts, for demanding requirements.

The chart alongside contains all the standard types of machines. Please contact us if you cannot find the machine used by you on this list. We will be pleased to assist you further.

Short and long belts

Applications guide



Pad/stroke, edge and profile sanding machines

Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm
Bütfering	E-Line 113	370	1900
CMC	KL 150	150	2250
	KL 150 05	150	2400
	CL 260	120/150	7050
	CL 300	120/150	7850
Fein	GX 75/75 2H, GXC, GI 75/75 2H, GIS 75	75	2000
	GXR	75	2250
	GICS	75	3000
	GIM, GIC	75/150	2000
	GI 100	100	1000
	GI 150/150 2 H, GIL, GIS 150	150	2000
	GIR	150	2250
Flott	TBSM 75	75	1000
	BSM 75, BSM E1, BSM 75 A, BSM 75 A/POL	75	2000
	BSM 150, BSM 150 A, BSM 150 A/pol	150	2000
	KSM 150, KSM 250, KOS 150	150	2250
	KOS 250	250	2250
Greif	S 40	max. 100	3500
	D30 HFS 100	max. 100	2000
	D30 HFS 100/150	100/150	2500
	R 40 HFS 150/200	200	3500
	D 20-2-2	30-50	1250
	D 30-2-2	50-100	2500
Heesemann	D 40-2-2	50-100	3500
	SZ 2	60	2300
	UKP 20	80	2300
	HG-U	220	2000
	FPA 8	130	1900
	KFA, MFA 10	150	5400
	MFA 10	150	7000
	MFA 10	1400	2620/3250
Hema	BA 2-2300	150	8500
	HWS 200	20	1810
	KB 202	20	2040
	BB 315/S+P	25	2220
	BB 315/3+3P	25	3150
	SR 400	25	3320
	SR 500	25	4080
	SR 600/UH 630	25	4500
	TBS 3000	120	1200
	PSM 300	25/50	2360
Hess	Junior, Expert	200	1850
	Gloria	200	1600

Manufacturer	Type	Abrasive belt size		
		Width in mm	Length in mm	
Holzmann	MSM 75	75	2000	
	DSM 100200B	100	915	
	MSM 100 L	100	1220	
	MSM 150, KS 2000	150	2000	
	BT 1220	150	1220	
	KOS 2260	150	2260	
	KOS 2510	150	2510	
	KOS 2600P, KOS 2600 C	150	2600	
	KOS 2740	150	2740	
	BS 2000 XL, BS 2400 XL	150	6000	
Holzskraft	PB 2400, PBVN 2400, BS 2400, BKS 2400 XL, BSM 2600 P	150	6800	
	KOS 3000 P	200	3000	
	BTS 200	152	1219	
	Unilev 150	150	2170	
	KSM 801, KSO 150	150	2200	
	KSO 81	150	2250	
	KSO 1500	150	2280	
	LBSM 2505	150	6400	
	LBSM 2505 ESE	150	7000	
	LBSM LS 2500	150	7100	
Johannsen	LBSM 3005 ESE	150	8000	
	LBSM LS 3000	150	8100	
	KSO 200	200	2200	
	T 47	max. 150	2800	
	T 48	200	3000	
	T 93 Start	150	7400	
	T 94 Standard, T 94 Super, T 85, T 95 Profi, T 95 Exclusiv	150	7800	
	T 98	150	8200	
	Kündig	Uniq, Basiq, Uniq S	150/200	2000
		ZBS 2, PBM 3	100	9000
ZBS 3		100	11200	
PBM 4		100	11000	
ZBS 4		100	13200	
GS 2 -6000		300	16300	
GS 2 - 9000		300	22300	
GS 2 - 12000		300	28300	
BKK 1/2, BKK 2		120	2240	
FF 1, UKF 1.1, FF 3.1		120	2300	
Kuhlmeyer	UKF 2	120	2500	
	KFS	150	2500	
	BS 75/-A/-W	100	950	
	HSF/HSDSF	100-200	500-5500	
	BS 200/-W	200	1500	
	BS 300/-W	300	2000	

Continuation →

Short and long belts

Applications guide

Portable sanding belt

Manufacturer	Type	Abrasive belt size		Manufacturer	Type	Dimensions in mm	
		Width in mm	Length in mm				
Löser	RPS 336, RP+S 377, SP 377, HSRG 377, ZSP 377	150	3500	AEG powertools	HBS 65, HBSE 65	65 × 410	
	RP+S 374	150	2500/3500		HBSE 600, HBS 1000 E	75 × 533	
	TP 80/TP 80S	30	740		RBSE 75 AE, RBSE 75 S	75 × 533	
	KS 100	5–100	3500/4000		HBS 100	100 × 560	
	KS 360	5–75	2500		HBSE 100	100 × 560	
	KS 350	5–75	3500/4000		BBS 1100	100 × 560	
	KS 363	6–50	2500		BBSE 1100	100 × 560	
	EB 2	50	2000		Atlas Copco	HBSE 75 S	75 × 533
	EB 3-S	max. 100	3500			HBSE 75	75 × 533
	FS 384/150-G1, SP 337, SP 374, HSD	150	2500			MBSE 705	75 × 533
	SP 352	150	3000			BBS 100	100 × 620
	SP 380, RPS 376	150	3500			BBSE 100	100 × 620
Löwer	KS 225	150	2250	Black & Decker		KA 290, KA 900 E	13 × 451
	KSM 1	150	2580		KA 292	13 × 451	
	KSM 2	150	2630		KA 293 E	13 × 451	
	SmartGrinder SG 150/300	150/300	3000		KA 83	65 × 410	
	LS 200, DSM 1000	200	1600		KA 83 E	65 × 410	
	DSM 2000, DSM 2004	200	1800		BS650	65 × 410	
	DSM 3000, DSM 3004, HBS 300, HBS 302, LS 300, Multi 300, HBS VR	300	1800		BD 83	65 × 410	
	HBS 400/HBS 400u/HBS 4000, Multi 400, HBS 4000 BB	400	1800		BD 83 E	65 × 410	
	Combi Queen	500	1800		DN83	65 × 410	
	Niederberger	P2/P5	50–200		2500	DN83E	65 × 410
		P4	100–420		2500	KA 85 EK	75 × 457
		P6	320–420		2500	KA 85, KA 86	75 × 457
Quick Wood	Elicoid	40	1780	P 61-03	75 × 508		
Scheppach	BGS 700	50	686	BD 75	75 × 508		
	CSM 405	77	2400	BD 85	75 × 508		
	BTS 900x	100	915	SR 500 E	75 × 508		
	ISE 600	150	1500	KA 75, KA 75 E, KA 88, XTA80EK	75 × 533		
	BSM 2010, KSM 2000	150	2000	GVS 350 AE	40 × 303		
	KSM 2500	150	2515	PVS 300 AE	40 × 303		
	SLIK 7	150	2740	PBS 60	60 × 400		
SCM	TecnoMax UNILEV 150	150	2170	PBS 60 E	60 × 400		
	TecnoMax LS	150	7100	GBS 75 AE	75 × 533		
Stähle	Saturn E, Saturn Quattro	200	1800	PBS 75	75 × 533		
	Saturn Duo Comfort	200–320	1800	PBS 75 A	75 × 533		
Vobhag	ERS 25, EFS25, VFS 25	250	2500	PBS 75 AE	75 × 533		
	VFS 42, DSM 42	420	2500	PBS 75 E	75 × 533		
	DSM 46	460	2500	PBS 7 A, PBS 7 AE	75 × 457		
	VFS 52	520	2500	GBS 100 A	100 × 620		
	DSM 46/600	600	2500	GBS 100 AE	100 × 620		
Wegoma	KS2250/P	150	2250	DeWalt	D26480	64 × 356	
	KS2400	150	2400		MHB158	75 × 480	
	KS2600, KS2600FU	200	2600		MHB158 E	75 × 480	
			MHB 157		75 × 480		
			MHB 157 E		75 × 480		
			DW430, DW431		75 × 533		

Continuation →

Short and long belts

Applications guide



Manufacturer	Type	Dimensions in mm
DeWalt	DW 432/ DW 433	75 × 533
	MHB90	100 × 560
	MHB90 E	100 × 560
	MHB90K	100 × 560
	DW650	100 × 560
	DW650E	100 × 560
Einhell	BBS 240, BBS 240/1	50 × 686
	BBS 720, BBS 850 E, BT-B5 850 E	75 × 457
	RT-B5 75, BT - B5 850/1 E	75 × 533
	BBS 1200	100 × 610
Festool	BF1	6/12/16/19 × 520
	BS 75, BS 75E, BS 75E-Set	75 × 533
Fein	BS 105, BS 105E, BS 105E-Set	105 × 620
	RS 12-70 E	20 × 815
Felisatti	RS 10-70 E	30 × 533
	TP 411, BSF 76/900	75 × 533, 76 × 533
Flex	BSF 100/1200E	100 × 610
	LBS 1105 VE	4/9/30 × 520/533
	LBS 1105 VE Set	4/9/30 × 520/533
	LBR 1506 VRA	40 × 618
	LRP 1503 VR	40 × 675
Hitachi	LRP 1503 VRA	40/20 × 760
	SB-75, SB8V2	75 × 533
	9924 DB	75 × 610
	SB 10 T, SB 10 V	100 × 610
	SB 10 V2, SB 10 S2	100 × 610
HOLZ HER	SB 110	110 × 620
	2405	65 × 410
	2406	65 × 410
	2410, 2411, 2420	75 × 533
	2422	105 × 620
Kress	2423	105 × 620
	2424	105 × 620
Löser	CBS 6800 E	65 × 410
	15003	3,6/13 × 305
	14000, 14021, 14021 F	3/6,5/13 × 610/863/1118
	40320	6/12 × 305/457
	11475, 11476, 11476 EL, 11486, 11486 EL	25 × 760
	11477, 11477 EL, 11450, 11450 EL	50 × 760
	14300, 14303	50 × 863
	14306	50 × 1143
52900	75 × 610	

Manufacturer	Type	Dimensions in mm
Makita	9032	9 × 533
	9031	30 × 533
	9910/9911	75 × 457
	9901	75 × 533
	9902/9903	75 × 533
	9900	75 × 533
	9924 DB	75 × 610
	9920	75 × 610
	9402	100 × 610
	9403	100 × 610
	9404	100 × 610
Metabo	9924 DB	100 × 610
	BFE 9-90 SET	6-19 × 457
	12-180 SET	40 × 760
	Ba 0775, BAE 75, Ba E 1075	75 × 533
Milwaukee	Ba E 0876 Signal	75 × 533
	Ba 6100	100 × 620
Peugeot	HBSE 75 S	75 × 533
	BS 100 LE	100 × 620
Ryobi	PB 600	75 × 457
	PAB 75	75 × 533
	B 850 F	75 × 533
	BE-321	75 × 533
	EBS 9576V, EBS 8021 V, EBS 800 V	75 × 533
	B-7075, B-7076, BE-7075	75 × 533
	B-7100	75 × 610
	B 422, BE 422, BE-1056	100 × 560
	B-7200 A, BE-422, B/BE 424	100 × 610
	BE-4240, EBS 1310 VF HG	100 × 610
	SKIL	1100, 1200, 1205, 1200 H, 1205 H, 1210, 1210 AA 7600, 7610 AD, 7610 AA, 7620 AA, 7675, 1220 MA, 7630
5903		75 × 508
594 U, 595 U, 7640MA		75 × 533
7650 AA, 7650 AE, 4640 MA		75 × 533
1400		100 × 552
7660 MA		100 × 610/620
Stayer	2 N 75	75 × 457
	LEN 751 E	75 × 533
	LEN 610	100 × 610
	LEN 690	100 × 690
Suhner	UBC 10-R	3/6/12/16/19 × 520
	UBK 6-R	35 × 450
	UTC 7-R	30 × 533
	UTG 9-R	30 × 610

File belts

Coated abrasives

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

Available grits:

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
28 x 533	40	F4G	20	36755	2,04 €	4
28 x 533	60	F4G	20	37945	1,95 €	4
28 x 533	80	F4G	20	39236	1,92 €	4
28 x 533	100	F4G	20	40702	1,89 €	4
28 x 533	120	F4G	20	41900	1,89 €	4
28 x 533	150	F4G	20	42794	1,89 €	4

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:

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6 x 610	40	F4G	25	4644	1,24 €	4
6 x 610	60	F4G	25	4645	1,21 €	4
6 x 610	80	F4G	25	4646	1,18 €	4
6 x 610	120	F4G	25	70595	1,18 €	4
9 x 533	40	F4G	25	286879	1,21 €	4
9 x 533	60	F4G	25	156968	1,18 €	4
9 x 533	80	F4G	25	286880	1,15 €	4
9 x 533	120	F4G	25	286881	1,15 €	4
10 x 330	40	F4G	25	86104	1,09 €	4
10 x 330	60	F4G	25	71110	1,06 €	4
10 x 330	80	F4G	25	71111	1,06 €	4
10 x 330	100	F4G	25	71112	1,03 €	4

Recommended prices.



File belts

Coated abrasives



►► Continuation of CS 310 XF, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
10 x 330	120	F4G	25	71957	1,03 €	4
12 x 520	40	F4G	25	160139	1,21 €	4
12 x 520	60	F4G	25	160201	1,15 €	4
12 x 520	80	F4G	25	159040	1,15 €	4
12 x 520	120	F4G	25	160140	1,12 €	4
13 x 450	40	F4G	25	90914	1,18 €	4
13 x 450	60	F4G	25	75505	1,15 €	4
13 x 450	80	F4G	25	97081	1,12 €	4
13 x 450	120	F4G	25	105794	1,12 €	4
13 x 455	40	F4G	25	72895	1,18 €	4
13 x 455	60	F4G	25	73099	1,15 €	4
13 x 455	80	F4G	25	149565	1,12 €	4
13 x 455	100	F4G	25	73176	1,12 €	4
13 x 455	120	F4G	25	74086	1,12 €	4
13 x 610	40	F4G	25	4652	1,27 €	4
13 x 610	60	F4G	25	4653	1,24 €	4
13 x 610	80	F4G	25	4654	1,21 €	4
13 x 610	120	F4G	25	70591	1,18 €	4
13 x 610	240	F4G	25	99182	1,18 €	4
20 x 520	40	F4G	25	71959	1,42 €	4
20 x 520	60	F4G	25	71960	1,33 €	4
20 x 520	80	F4G	25	71961	1,30 €	4
20 x 520	120	F4G	25	71963	1,27 €	4
40 x 303	60	F4G	10	184719	1,87 €	4
40 x 303	80	F4G	10	188885	1,84 €	4

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

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
9 x 533	40	F4G	25	286886	1,32 €	4
9 x 533	60	F4G	25	286887	1,26 €	4
9 x 533	80	F4G	25	286888	1,23 €	4
10 x 330	40	F4G	25	325250	1,14 €	4
10 x 330	60	F4G	25	302797	1,11 €	4

Recommended prices.



File belts

Coated abrasives

► Continuation of CS 411 Y, Abrasive cloth, waterproof

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
10 x 330	80	F4G	25	302798	1,08 €	4
13 x 610	40	F4G	25	322530	1,41 €	4
13 x 610	60	F4G	25	302784	1,32 €	4
13 x 610	80	F4G	25	302785	1,29 €	4
20 x 520	36	F4G	25	322531	1,64 €	4
20 x 520	40	F4G	25	322532	1,56 €	4
20 x 520	60	F4G	25	302791	1,47 €	4
20 x 520	80	F4G	25	302792	1,44 €	4

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 molded parts and weld seams in trade and industry - Flexible, yet tear-resistant backing - Abrasive belt with hardened and tempered aluminium oxide

Available grits:

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
9 x 533	80	F4G	25	342297	1,23 €	4
9 x 533	120	F4G	25	342296	1,23 €	4
10 x 330	80	F4G	25	342302	1,13 €	4
10 x 330	120	F4G	25	342303	1,10 €	4
13 x 455	80	F4G	25	342298	1,23 €	4
13 x 455	120	F4G	25	342299	1,20 €	4
13 x 610	80	F4G	25	342301	1,32 €	4
13 x 610	120	F4G	25	342300	1,29 €	4

Recommended prices.

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 steel and stainless steel 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

From November 1st 2021
Non-woven web file belts see chapter Non-woven web (page 206-207).

the prices increase by

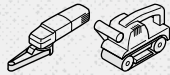
+7,9 %

Short belts for hand held machines

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 standard machines

Available grits:

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
60 x 400	60	F5	10	4100	1,91 €	4
60 x 400	80	F5	10	4104	1,86 €	4
60 x 400	120	F5	10	4097	1,84 €	4
65 x 410	40	F5	10	4106	2,11 €	4
65 x 410	60	F5	10	4114	1,99 €	4
65 x 410	80	F5	10	4120	1,94 €	4
65 x 410	100	F5	10	4124	1,89 €	4
65 x 410	120	F5	10	4128	1,89 €	4
75 x 457	40	F5	10	37269	2,36 €	4
75 x 457	60	F5	10	38825	2,21 €	4
75 x 457	80	F5	10	40345	2,14 €	4
75 x 457	100	F5	10	41560	2,09 €	4
75 x 457	120	F5	10	42627	2,09 €	4
75 x 457	150	F5	10	43020	2,09 €	4
75 x 480	40	F5	10	4098	2,41 €	4
75 x 480	60	F5	10	4107	2,26 €	4
75 x 480	80	F5	10	4115	2,19 €	4
75 x 480	100	F5	10	4121	2,14 €	4
75 x 480	120	F5	10	4125	2,14 €	4
75 x 508	40	F5	10	4099	2,48 €	4
75 x 508	60	F5	10	4103	2,31 €	4
75 x 508	80	F5	10	4117	2,24 €	4
75 x 508	100	F5	10	4118	2,19 €	4
75 x 533	40	F5	10	4137	2,56 €	4
75 x 533	60	F5	10	4139	2,38 €	4
75 x 533	80	F5	10	4140	2,29 €	4
75 x 533	100	F5	10	4141	2,24 €	4
75 x 533	120	F5	10	4142	2,24 €	4
75 x 533	150	F5	10	4143	2,24 €	4
75 x 533	180	F5	10	4144	2,24 €	4
75 x 533	240	F5	10	43614	2,26 €	4
75 x 610	40	F5	10	37285	2,73 €	4
75 x 610	60	F5	10	38842	2,53 €	4
75 x 610	80	F5	10	40365	2,43 €	4
75 x 610	100	F5	10	41576	2,38 €	4
75 x 610	120	F5	10	42642	2,38 €	4
100 x 560	40	F5	10	4151	3,15 €	4

Recommended prices.



Short belts for hand held machines

Coated abrasives



►► Continuation of LS 309 XH, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 560	60	F5	10	4473	2,93 €	4
100 x 560	80	F5	10	4474	2,81 €	4
100 x 560	100	F5	10	4475	2,73 €	4
100 x 560	120	F5	10	4476	2,73 €	4
100 x 560	150	F5	10	4477	2,73 €	4
100 x 610	40	F5	10	4478	3,33 €	4
100 x 610	60	F5	10	4480	3,06 €	4
100 x 610	80	F5	10	4481	2,93 €	4
100 x 610	100	F5	10	4482	2,86 €	4
100 x 610	120	F5	10	4483	2,86 €	4
100 x 610	150	F5	10	4484	2,86 €	4
100 x 610	180	F5	10	43302	2,86 €	4
100 x 620	40	F5	10	6272	3,35 €	4
100 x 620	60	F5	10	6278	3,08 €	4
100 x 620	80	F5	10	6283	2,96 €	4
100 x 620	100	F5	10	6284	2,88 €	4
100 x 620	120	F5	10	6286	2,88 €	4
100 x 620	150	F5	10	6288	2,88 €	4
105 x 620	40	F5	10	4485	3,58 €	4
105 x 620	60	F5	10	4487	3,30 €	4
105 x 620	80	F5	10	4489	3,15 €	4
105 x 620	100	F5	10	4490	3,08 €	4
105 x 620	120	F5	10	4491	3,08 €	4
105 x 620	150	F5	10	4492	3,08 €	4
110 x 620	40	F5	10	6290	3,70 €	4
110 x 620	60	F5	10	6292	3,38 €	4
110 x 620	80	F5	10	6294	3,25 €	4
110 x 620	100	F5	10	6295	3,15 €	4
110 x 620	120	F5	10	6296	3,15 €	4

From November 1st 2021
the prices increase by
+7,9%

Recommended prices.

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

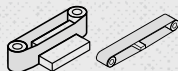
Available grits:

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

Recommended prices.

Belts with paper backing

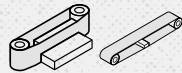
Coated abrasives



Belts

Abrasive paper, ANTISTATIC

PS 524 E



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

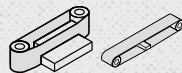
Available grits:

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



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

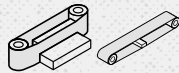
Recommended prices.

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

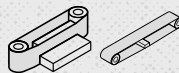
Available grits:

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

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150 x 2000	80	F5	10	307797	6,44 €	3
150 x 2000	100	F5	10	307798	6,04 €	3
150 x 2000	120	F5	10	307799	6,04 €	3
150 x 2170	80	F5	10	307800	7,59 €	3
150 x 2170	120	F5	10	307801	7,16 €	3
150 x 2250	60	F5	10	307802	8,41 €	3
150 x 2250	80	F5	10	307803	7,74 €	3
150 x 2250	100	F5	10	307804	7,32 €	3
150 x 2250	120	F5	10	307805	7,32 €	3
150 x 2250	150	F5	10	307806	7,32 €	3
150 x 2280	80	F5	10	307807	7,80 €	3
150 x 2280	100	F5	10	307808	7,38 €	3
150 x 2280	120	F5	10	307809	7,38 €	3
150 x 2600	80	F5	10	307811	8,44 €	3
150 x 2600	100	F5	10	307812	7,95 €	3
150 x 2600	120	F5	10	307813	7,95 €	3
150 x 3000	80	F5	10	307814	9,23 €	3
150 x 3000	100	F5	10	307815	8,65 €	3

Recommended prices.



Belts with paper backing

Coated abrasives



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

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150 x 3000	120	F5	10	307816	8,65 €	3
150 x 6800	80	F2	10	307821	17,58 €	3
150 x 6800	100	F2	10	307822	16,30 €	3
150 x 6800	120	F2	10	307823	16,30 €	3
150 x 6880	80	F2	10	307824	17,79 €	3
150 x 6880	100	F2	10	307825	16,48 €	3
150 x 6880	120	F2	10	307826	16,48 €	3
150 x 7100	60	F2	10	307828	20,34 €	3
150 x 7100	80	F2	10	307829	18,18 €	3
150 x 7100	100	F2	10	307830	16,85 €	3
150 x 7100	120	F2	10	307831	16,85 €	3
150 x 7100	150	F2	10	307832	16,85 €	3
150 x 7200	80	F2	10	307833	18,37 €	3
150 x 7200	100	F2	10	307834	17,03 €	3
150 x 7200	120	F2	10	307835	17,03 €	3
150 x 7500	80	F2	10	307837	18,97 €	3
150 x 7500	100	F2	10	307838	17,55 €	3
150 x 7500	120	F2	10	307839	17,55 €	3
150 x 7800	80	F2	10	307840	19,58 €	3
150 x 7800	100	F2	10	307841	18,09 €	3
150 x 7800	120	F2	10	307842	18,09 €	3
150 x 7800	150	F2	10	307843	18,09 €	3
200 x 1600	80	F5	10	307844	6,92 €	3
200 x 1600	100	F5	10	307845	6,53 €	3
200 x 1600	120	F5	10	307846	6,53 €	3
200 x 3000	80	F5	10	307847	12,29 €	3
200 x 3000	100	F5	10	307848	11,54 €	3
200 x 3000	120	F5	10	307849	11,54 €	3

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

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

Recommended prices.

Belts with paper / film backing

Coated abrasives

Abrasive paper, KULEX

PS 529 F

NEW !



Properties

Bonding agent	Resin
Grain	SiC agglom.
Backing	F-paper

Applications:

Stainless steel	●
Steel	●
Glass/Stone	○

Advantages: Long life belt for a brilliant and shiny finish, with low and medium contact pressure - Very long service life, with constant surface roughness - Ideal for dry sanding on wide and long belt machines

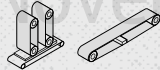
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, KULEX

PS 729 F



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



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

Recommended prices.

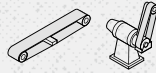
Belts with cloth backing

Coated abrasives



Abrasive cloth

CS 308 Y



Properties

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

Applications:

Stainless steel	●
Wood	●
Steel	●
NF metals	●

Plastic	●
---------	---

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

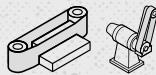
Available grits:

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

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

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 in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 1020	40	F5	10	36837	3,86 €	4
50 x 1020	60	F5	25	38075	3,53 €	4
50 x 1020	80	F5	25	39401	3,38 €	4
50 x 1020	100	F5	25	40832	3,28 €	4
50 x 1020	120	F5	25	42020	3,28 €	4
50 x 2000	40	F4G	10	4502	6,11 €	4
50 x 2000	60	F4G	25	4531	5,50 €	4
50 x 2000	80	F4G	25	4548	5,20 €	4
75 x 2000	40	F4G	10	36923	9,00 €	4
75 x 2000	60	F4G	10	38198	8,06 €	4
75 x 2000	80	F4G	10	39556	7,63 €	4
100 x 800	60	F5	10	38286	4,80 €	4
100 x 800	80	F5	10	39659	4,59 €	4
100 x 800	120	F5	10	137024	4,44 €	4
100 x 860	60	F5	10	38895	5,05 €	4
100 x 860	80	F5	10	40425	4,80 €	4
100 x 860	100	F5	10	41621	4,65 €	4
100 x 860	120	F5	10	42678	4,65 €	4

Recommended prices.



Belts with cloth backing

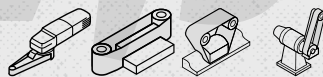
Coated abrasives

►► Continuation of LS 309 X, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 900	60	F5	10	38898	5,23 €	4
100 x 900	80	F5	10	40428	4,96 €	4
100 x 900	100	F5	10	41623	4,80 €	4
100 x 900	120	F5	10	42679	4,80 €	4
100 x 915	40	F5	10	37324	5,87 €	4
100 x 915	60	F5	10	38900	5,29 €	4
100 x 915	80	F5	10	40430	5,02 €	4
100 x 915	100	F5	10	41625	4,87 €	4
100 x 915	120	F5	10	42681	4,87 €	4
100 x 915	150	F5	10	43054	4,87 €	4
100 x 915	180	F5	10	43308	4,87 €	4
100 x 915	240	F5	10	128755	4,90 €	4
100 x 950	40	F5	10	37328	5,99 €	4
100 x 950	60	F5	10	38904	5,41 €	4
100 x 950	80	F5	10	40435	5,14 €	4
100 x 950	100	F5	10	41627	4,96 €	4
100 x 950	120	F5	10	42684	4,96 €	4
100 x 1000	40	F5	10	36999	6,23 €	4
100 x 1000	60	F5	10	38304	5,63 €	4
100 x 1000	80	F5	10	39679	5,32 €	4
100 x 1000	100	F5	10	41019	5,14 €	4
100 x 1000	120	F5	10	42199	5,14 €	4
150 x 1220	60	F5	10	38428	9,76 €	4
150 x 1220	80	F5	10	39852	9,24 €	4
150 x 2000	40	F4G	10	37071	16,30 €	4
150 x 2000	60	F4G	10	38460	14,44 €	4
150 x 2000	80	F4G	10	39884	13,56 €	4

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

Recommended prices.

Belts with cloth backing

Coated abrasives



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

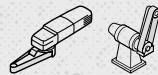
Available grits:

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

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 in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 1065	60	F4G	10	244635	2,47 €	4
25 x 1065	80	F4G	10	244634	2,41 €	4
50 x 1020	40	F5	10	47753	4,01 €	4
50 x 1020	60	F5	25	48549	3,68 €	4
50 x 1020	80	F5	25	49300	3,50 €	4
50 x 2000	40	F4G	10	4587	6,43 €	4
50 x 2000	60	F4G	25	4590	5,76 €	4
50 x 2000	80	F4G	25	4591	5,46 €	4
50 x 2000	120	F4G	25	4593	5,25 €	4
75 x 2000	36	F4G	10	4594	9,99 €	4
75 x 2000	40	F4G	10	4595	9,48 €	4
75 x 2000	60	F4G	25	4596	8,48 €	4
75 x 2000	80	F4G	25	49399	8,00 €	4
75 x 2000	120	F4G	25	50652	7,73 €	4
75 x 2000	180	F4G	25	51222	7,73 €	4
75 x 2000	240	F4G	25	51470	7,79 €	4
100 x 920	60	F5	10	48717	5,55 €	4
100 x 920	80	F5	10	49454	5,25 €	4

Recommended prices.



Belts with cloth backing

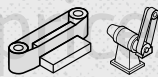
Coated abrasives

►► Continuation of CS 310 X, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 920	100	F5	10	50136	5,07 €	4
150 x 2000	36	F4G	10	47492	18,32 €	4
150 x 2000	40	F4G	10	47921	17,26 €	4
150 x 2000	60	F4G	10	48821	15,27 €	4
150 x 2000	80	F4G	10	49581	14,33 €	4
150 x 2000	120	F4G	10	50767	13,76 €	4
200 x 550	40	F7G	10	97832	7,33 €	4
200 x 550	60	F7G	10	105992	6,61 €	4
200 x 550	80	F7G	10	123929	6,28 €	4
200 x 550	120	F7G	10	123931	6,07 €	4
200 x 750	24	F7G	10	47101	10,95 €	4
200 x 750	36	F7G	10	47561	9,84 €	4
200 x 750	40	F7G	10	48028	9,32 €	4
200 x 750	60	F7G	10	48970	8,33 €	4
200 x 750	80	F7G	10	49764	7,85 €	4
200 x 750	100	F7G	10	50340	7,57 €	4
200 x 750	120	F7G	10	50872	7,57 €	4

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

All sizes and minimum purchasing quantities available on request

Recommended prices.

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

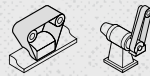
Available grits:

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
Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																		
300 x 3500	100	F1	10	79849	46,65 €	4																		
300 x 3500	150	F1	10	247873	46,65 €	4																		
300 x 3500	280	F1	10	79850	47,07 €	4																		
300 x 3500	320	F1	10	83657	47,07 €	4																		
300 x 3500	400	F1	10	81147	47,07 €	4																		

From November 1, 2021 the prices increase by 2%

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

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

Recommended prices.

Belts with cloth backing

Coated abrasives

Abrasive cloth

LS 314 JF



Properties

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

Applications:

Metals	●
Plastic	●
NF metals	●
Aluminium	●

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)

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, SUPERFLEX

LS 318 JF ACT



Properties

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

Applications:

Wood	●
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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 due 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

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

All sizes and minimum purchasing quantities available on request

Recommended prices.

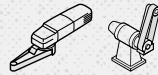
Belts with cloth backing

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

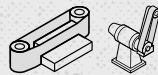
Available grits:

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

CS 322 X



Properties

Bonding agent	Resin
Grain	Cork
Backing	X-cotton

Applications:

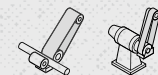
Glass/Stone	●
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Advantages: Special product for polishing glass with high quality cork/resin coating - Long life with consistent polishing effect - Waterproof

All sizes and minimum purchasing quantities available on request

Abrasive cloth, KULEX

CS 325 Y



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
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All sizes and minimum purchasing quantities available on request

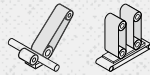
Recommended prices.

Belts with cloth backing

Coated abrasives

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 wet grinding

Available grits:

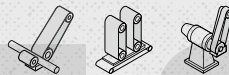
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000
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Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150 x 2500	80	F4G	10	316029	28,12 €	4
150 x 2500	120	F4G	10	316030	26,40 €	4
150 x 2500	180	F4G	10	316031	26,40 €	4
150 x 2500	240	F4G	10	316032	26,64 €	4
150 x 2500	320	F4G	10	316033	26,64 €	4
150 x 2500	400	F4G	10	316034	26,64 €	4
150 x 2500	600	F4G	10	351663	27,77 €	4

From November 1 2022 the prices increase by

Abrasive cloth, KULEX

CS 329 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 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
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All sizes and minimum purchasing quantities available on request

Recommended prices.

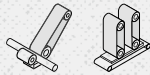
Belts with cloth backing

Coated abrasives



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 with low surface roughness, polishable - Special belt for satin final finishing of stainless steel and steel surfaces with cork granulate with SiC/resin coating

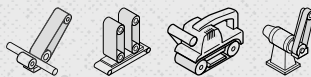
Available grits:

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth

CS 333 X



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)

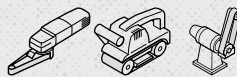
Available grits:

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth

CS 333 XF



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
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All sizes and minimum purchasing quantities available on request

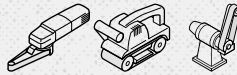
Recommended prices.

Belts with cloth backing

Coated abrasives

Abrasive cloth

CS 333 JF



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

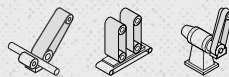
Available grits:

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



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

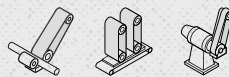
Available grits:

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

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 behaviour - 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

All sizes and minimum purchasing quantities available on request

Recommended prices.

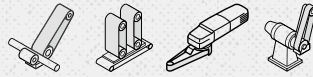
Belts with cloth backing

Coated abrasives



Abrasive cloth, multibond

CS 410 X



Properties

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

Applications:

Stainless steel	●
NF metals	⓪

Advantages: Cool grinding and no heat tinting due to additional multibond - Increased abrasive performance for use on stainless steel

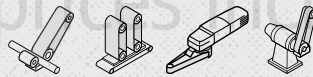
Available grits:

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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Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 450	60	F4G	25	53108	2,64 €	4
50 x 450	80	F4G	25	53267	2,55 €	4
50 x 450	120	F4G	25	53538	2,49 €	4

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 in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 2000	36	F4G	10	26419	9,20 €	4
50 x 2000	40	F4G	10	26593	8,31 €	4
50 x 2000	60	F4G	25	72251	7,39 €	4
50 x 2000	80	F4G	25	26943	6,98 €	4
50 x 2000	120	F4G	25	103997	6,69 €	4
75 x 2000	24	F4G	10	4618	15,70 €	4
75 x 2000	36	F4G	10	4619	13,64 €	4
75 x 2000	40	F4G	10	4620	12,28 €	4
75 x 2000	60	F4G	10	4622	10,91 €	4
75 x 2000	80	F4G	10	26969	10,28 €	4
75 x 2000	120	F4G	10	113664	9,86 €	4
100 x 2000	36	F4G	10	26463	17,57 €	4
150 x 2000	36	F4G	10	26488	25,50 €	4

Recommended prices.



Belts with cloth backing

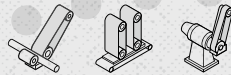
Coated abrasives

►► Continuation of CS 411 X, Abrasive cloth

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150 x 2000	40	F4G	10	26668	22,77 €	4
150 x 2000	60	F4G	10	72775	20,05 €	4
150 x 2000	80	F4G	10	27030	18,78 €	4
150 x 2000	120	F4G	10	101308	17,99 €	4

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 in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																		
75 x 2000	24	F4G	10	62056	15,19 €	4																		
75 x 2000	36	F4G	10	62150	13,16 €	4																		
75 x 2000	40	F4G	10	62509	11,84 €	4																		
75 x 2000	50	F4G	10	62604	11,16 €	4																		
75 x 2000	60	F4G	10	62938	10,53 €	4																		
75 x 2000	80	F4G	10	63068	9,90 €	4																		
75 x 2000	120	F4G	10	20598	9,51 €	4																		
150 x 2000	36	F4G	10	62176	24,67 €	4																		
150 x 2000	40	F4G	10	62537	22,04 €	4																		
150 x 2000	60	F4G	10	62971	19,38 €	4																		
150 x 2000	80	F4G	10	63102	18,15 €	4																		
150 x 2000	120	F4G	10	278219	17,38 €	4																		

Recommended prices.

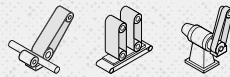
Belts with cloth backing

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

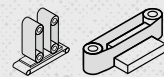
Available grits:

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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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
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Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
75 x 2000	36	F4G	10	204858	12,15 €	4
75 x 2000	40	F4G	10	205377	10,94 €	4
75 x 2000	60	F4G	10	207651	9,73 €	4
75 x 2000	80	F4G	10	220805	9,15 €	4
150 x 2000	36	F4G	10	231336	22,69 €	4
150 x 2000	40	F4G	10	205474	20,27 €	4
150 x 2000	60	F4G	10	204213	17,85 €	4
150 x 2000	80	F4G	10	205130	16,70 €	4

Recommended prices.

Belts with cloth backing

Coated abrasives

Abrasive cloth, NOPPEX

CS 420 Y



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

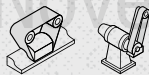
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

GX 533 JF



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

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

All sizes and minimum purchasing quantities available on request

Recommended prices.

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

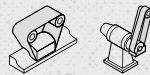
Available grits:

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

All sizes and minimum purchasing quantities available on request

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	●

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

All sizes and minimum purchasing quantities available on request

Recommended prices.

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 - 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
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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

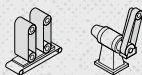
Available grits:

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
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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
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All sizes and minimum purchasing quantities available on request

Recommended prices.

Belts with cloth backing

Coated abrasives



Belts

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

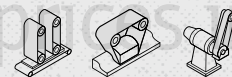
Available grits:

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
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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	●

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
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All sizes and minimum purchasing quantities available on request

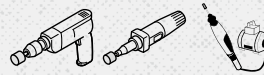
Recommended prices.

Abrasive sleeves

Coated abrasives

Abrasive cloth

CS 310 X



Properties

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

Applications:

Metals	●
Plastic	○

Advantages: Tear-resistant cloth with reinforced backing - Spiral shaped joint, cylindrical form - Universal applications in metalworking - High aggressiveness when used with rubber drum GK 555

Available grits:

Diameter x Height in mm		Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
10 x 20		80	50	11555	0,62 €	4
10 x 20		150	50	11554	0,62 €	4
13 x 25		50	50	28188	0,62 €	4
13 x 25		80	50	11558	0,62 €	4
15 x 30		50	50	11568	0,60 €	4
15 x 30		80	50	11567	0,60 €	4
15 x 30		150	50	11566	0,60 €	4
22 x 20		50	50	11571	0,45 €	4
22 x 20		80	50	11570	0,45 €	4
22 x 20		150	50	11569	0,45 €	4
30 x 20		50	50	11574	0,54 €	4
30 x 20		80	50	11573	0,54 €	4
30 x 30		50	50	11577	0,67 €	4
30 x 30		80	50	11576	0,67 €	4
30 x 30		150	50	11575	0,67 €	4
45 x 30		50	50	11580	0,88 €	4
45 x 30		80	50	11579	0,88 €	4
45 x 30		150	50	11578	0,88 €	4
60 x 30		50	25	11583	1,15 €	4
60 x 30		80	25	11582	1,15 €	4
60 x 30		150	25	11581	1,15 €	4
75 x 30		50	25	11586	1,40 €	4
75 x 30		80	25	11585	1,40 €	4

Recommended prices.

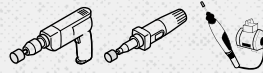
Abrasive sleeves

Coated abrasives



Abrasive cloth

CS 310 X



Properties

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

Applications:

Metals	●
Plastic	⊙

Advantages: Tear-resistant cloth with reinforced backing - Spiral shaped joint, conical form - Universal applications in metalworking - High aggressiveness when used with rubber drum GK 555 A

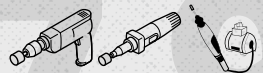
Available grits:

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 1 x Diameter 2 x Height in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
22 x 29 x 30	50	50	11592	1,29 €	4
22 x 29 x 30	80	50	11591	1,29 €	4
22 x 36 x 60	50	50	11595	1,66 €	4
22 x 36 x 60	80	50	11594	1,66 €	4
22 x 36 x 60	150	50	11593	1,66 €	4

Abrasive cloth, multibond

CS 451 X



Properties

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

Applications:

Stainless steel	●
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Advantages: Tear-resistant cloth with reinforced backing - Spiral shaped joint, cylindrical form - High-quality zirconia alumina with multibond especially suited for working on stainless steel - High aggressiveness when used with rubber drum GK 555

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 Height in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 20	40	50	334246	0,74 €	4
30 x 20	60	50	255475	0,74 €	4
45 x 30	40	50	334247	1,19 €	4
45 x 30	60	50	255476	1,19 €	4
60 x 30	40	25	334248	1,55 €	4
60 x 30	60	25	255626	1,55 €	4

Recommended prices.

Rubber drums

Rubber drums

GK 555



Advantages: Reusable rubber drum for cylindrical abrasive sleeves CS 310 X and CS 451 X - Mounting and dismounting by a light turn

Diameter x Width x Shaft in mm	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
10 x 20 x 6	30 m/s	44000 rpm	1	14843	15,92 €	14
13 x 25 x 6	30 m/s	44000 rpm	1	14845	15,92 €	14
15 x 30 x 6	30 m/s	36000 rpm	1	14847	15,92 €	14
22 x 20 x 6	30 m/s	26000 rpm	1	14848	12,74 €	14
30 x 20 x 6	30 m/s	19100 rpm	1	14849	13,83 €	14
30 x 30 x 6	30 m/s	19100 rpm	1	14850	16,02 €	14
45 x 30 x 6	30 m/s	12700 rpm	1	14851	18,70 €	14
60 x 30 x 6	30 m/s	9500 rpm	1	14852	22,95 €	14
75 x 30 x 8	30 m/s	7600 rpm	1	14853	24,99 €	14

Rubber drums

GK 555 A



Advantages: Reusable rubber drum for cone-shaped abrasive sleeves CS 310 X - Mounting and dismounting by a light turn

Diameter 1 x Diameter 2 x Height x Shaft in mm	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
22 x 29 x 30 x 6	30 m/s	19100 rpm	1	14855	12,74 €	14
22 x 36 x 60 x 6	30 m/s	15900 rpm	1	14856	20,27 €	14

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %

Wide belts

Applications guide

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 joints. The available types of joints are listed in the product charts on the following pages.

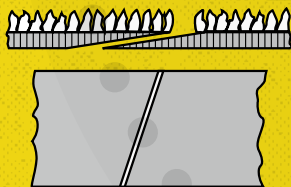
The chart alongside contains all the standard types of machines for wide belts. Please contact us if you cannot find the machine used by you on this list. We will be pleased to assist you further.

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

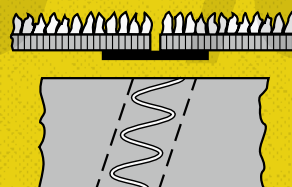
From November 1st 2021

the prices increase by

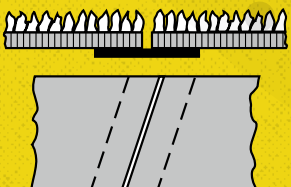
+7.9%



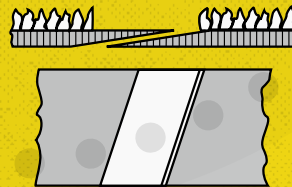
Form 1
Overlapping glued joint. Standard joint for wide belts with paper backing.



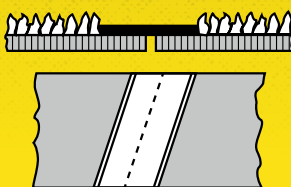
Form 3G
Zig zag joint, with foil backing for finishing surfaces that must be of the highest quality using wide belts with cloth backing.



Form 4G
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 6G
Butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use in the timber products industry.

Wide belts

Applications guide



Wide belt machines

Manufacturer	Type	Abrasive belt size		Manufacturer	Type	Abrasive belt size			
		Width in mm	Length in mm			Width in mm	Length in mm		
Anthon	Saphir Combi 1100/1300, Saphir WS 1100/1300, Saphir WWS 1100/1300, Saphir 110/130, Saphir L, Saphir L-series	1120/1320	1900	Büferring	Super RRF/RRL 311/313, Super RLF 311/313, Super MRL 311/313	1120/1370	1900		
	CMOWKS	900/1100/1300	2500		SWO 313 RRF	1370	2620		
Biesse	Levia 95	970	1900		SWT 113 K	970	1900		
	Levia 110	1120	2150		SWT 142 RK, SWT 124 MK, SWT 124 RC, SWT 134 RCC, SWT 134 RRK	1120	1900		
	Levia 110R	1115	2620		SWT 315 C, SWT 325 RL, SWT 325 RC, SWT 325 RH, SWT 325 CC, SWT ww 325 CH, SWT 325 QC, SWT 335 RQE, SWT 335 RQH, SWT 335 QCE, SWT 335 RRL, SWT 335 RRC	1370	2620		
	Levia 135, Levia 135R 2, Levia 135R 3	1370	2150						
	Levia 210, Levia 220	970	1900						
	Levia 310, Levia 320, Levia 330	1120/1370	2150		SWT 515 C	1370	2150		
	Regal 135 2, Regal 135 3, Regal 520, Regal 530	1370	2620		SWT 525 CC, SWT 525 CH, SWT 525 QC, SWT 525 QH, SWT 535 RQE, SWT 535 RQH, SWT 535 QCE, SWT 535 QCH	1370	2620		
Regal 320, Regal 330	1120/1370	2620	SWT 700		1350/1650	2620/3250			
Boere	B, Kombi, Sandonomic C, Sandonomic KC	610/810/910/1010/1110/1310	1900	SWT 900	1350/1650/2200	2620/3250			
	Elite B	610/910/1100/1310	1900	Vega 111, Vega 211 C-E, Vega 311	1120	2150			
	Elite B/T	610/910	1900	Vega 113, Vega 213 C-E, Vega 313	1370	2150			
	Elite B/T	1110/1310/1660	2620	Libra 1 (TC 95, RR 95, RT 95, RTC 95)	970	2200			
	Elite-LAC K, Elite-LAC KK	1100/1300	2620						
	Elite-T	610/910/1110/1310	1900	Libra 2 (TC 110, RR 110, RT 110, RTC 110)	1120	2200			
	Elite TP	910/1110/1310	1900	Libra 3 (110 RRT, 110 RRR, 110 RRTC)	1120	2200			
	Merite C, Merite KC	1010	1900	Libra 4/2 (RR 135, RT 135, RTC 135, TCTC 135, TCT 135, TT 135)	1380	2620			
	MT C, MT KS/KK, MT KKS/KKK	410/610/940	1525	Libra 4/3 (RRR 135, RRT 135, RTCT 135, RRTC 135, RTT 135, RTCT 135)	1380	2620			
	Sandrite C, Sandrite KC	1110/1310	1900	Libra 6 (RT 115, RR 115, RT 135, RR 135)	1180/1380	2620			
Select C, Select K, Select KC, Select KK, Select KS, Select KKC, Select KKK, Select KKS, Select CB, Select KSB	910/1110/1310	1900							
Select +plus+	1370	2620	Libra 10	970	1525				
Büferring	AF 2, AF 3	1110/1360	2620	Libra 30 (RTC 95, TC 110, RTC 110)	970/1115	1900			
	AL-E	1360	2620	Libra 40, Libra 40/3 (RR110, RTC 110, RRR 110, RRTC 110, TC 135, RR 135, RTC 135, RRR 135, RRTC 135)	1115/1370	2200			
	AWS 2, AWS 3, AWS Combi	1110/1360	1900	Libra 50 (RR 135, RTC 135, RRR 135, RRTC 135)	1370	2620			
	Optimat SBC 111/113/Classic, Optimat SBC 211/312/Classic, Optimat SBC 311/313/Classic	1120/1370	1900	Libra 60 (RR135, RTC 135, RRR 135, RRTC 135)	1370	2620			
	Optimat SBC 213/QC/Classic, Optimat SBC 313/QCE/Classic, Optimat SBC 313/RQE/Classic	1370	1900/2620	LEV 95 RT/RR/R+T	970	1900			
	E-Line 111, E-Line 211, E-Line 311	1120	1900						
	E-Line 113, E-Line 213, E-Line 313	1370	1900	LEV 115 RT/RR/R+T	1180	1900			
	ECO 1100, ECO 2 K, ECO 2 KC, ECO 2 KK, ECO 2 C-E, ECO 2 K-E	1120	1900	A, A1, AK, AF, AKF, AW1, K, KA, KB, KH, KK, KP, KBA, KBH, KHV, KKA, KKH, KKP, KPH	1180/1380	2620			
	PRO 111, PRO 211	1120	1900						
	SBO 109	970	1900				Elite CK, C/400, CT, CC, C/CK, CK/T	1150/1350	2620
	SCO 213 CC, SCO 213 CH, SCO 213 QC, SCO 213 QH	1370	2620				S, SA, SP	1150/1350	2620
	SGO 109 K	970	1900				S4	1380/1680	4600
	SGO 211 K, SGO 211 RK, SGO 211 MK, SGO 311 RKK	1120	1900				SN	1380/1680	2620/3250
	SKO 111 C	1120	1900				SH	1380	2620/3250
	SKO 113 C, SKO 213 RC, SKO 213 CC	1370	1900				SK (Serie 4)	1150	2200
	STO 111 L, STO 211 RL	1120	1900				SK (Serie 5, Serie 6)	1380	2620
	STO 113 L, STO 213 RL, STO 313 RRL	1370	1900				K (Serie 7)	350-1650	2620/3250
	Super 109 L, Super 209 RL	970	1900	K (Serie 8)	1350-2200	2620/3250			
	Super 111 L, Super 211 RL	1120	1900	K (Serie 9)	1650-3000	3250/4600			
Super 113 L, Super 213 RL	1370	1900							

Wide belts

Applications guide

Wide belt machines

Manufacturer	Type	Abrasive belt size		Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm			Width in mm	Length in mm
DMC	Chronosand	1115/1315	2620	Holzmann	SPB 300R, SPB 300C, SPB 300RR, SPB 300RC	320	1900
	Eurosand L	1115/1370	2620		SPB 400R, SPB 400C, SPB 400RR, SPB 400RC	420	1900
	Mastersand 110, Mastersand 135	1115/1370	2620		SPB 430R, SPB 430C	450	1600
	Polisand	1130/1330	2200/2620		SPB 630R, SPB 630C	650	1600
	System 1350 RK	1370	2620		SPB 630R, SPB 630 RR, SPB 630RC	650	1900/2200
	System T2 1350, System T3 1350, System T5 1350, System T7 1350	1370	2620		SPB 910R, SPB 910C, SPB 910RC, SPB 910RR	930	1900/2200
	System BT44 1350	1370	2620		RP 950B	980	1900
	System BT22 2200	2220	2620		RRP 650 B	680	1900
	System T10	1370	2620		RRP 1000B	1030	2200
	Technosand K	1115/1370	2620		Aerostat	1130/1330	2200
	Technosand L	1115	2620	Aerostat I 1K	1050/1130/1350	1900	
	Topsand 2000	1370/1670/1920/2270	3250	Aerostat I 2 RS	1050/1130	1900	
	Unisand 2000	1370	2620	Aerostat II 2 RS, Aerostat II 2 RK, Aerostat 2 KS, Aerostat 2 KK	1130/1350	1900	
	Unisand K	1115/1370	2620	Compact 1K	1050	1900	
Linea Unisand K	1115/1370	1900	Compact 2 RS, Compact 2 RK	1050/1130	1900		
EMC	Explorer	670/970/1120	1900	MT 2/1100	1150	1900	
	Explorer Super	670/970/1120	2200	Primo, Triplex, Magiq, Topiq	1120/1350	2000	
	Giant	1370	2620	Enorm DUO 1100	1120	1900	
	Under-Top	1120	1900	Duplex	670/1120/1350/1620	2000	
	Venus	1120/1370	2200	Premium, Brilliant, Technic	420/670/1120/1350/1620/1920/2220	2000	
	Venus Super	1120/1370	2620	Alpha, Alphatronic	1120/1380	2150	
Ernst	820 (SIMPLEX, DUPLEX, KOMBI)	1400	2150	Comet 1	1120/1380	1900	
	Economic 520 (SIMPLEX, DUPLEX)	1400	2620	Comet 2, Comet 3	1100/1360	1900	
	LKKB(B)/K, LKB(B)/K, KBB/K	1400	2620/3150	Delta	1400	2150	
	EG 3 M/1400	1400	1540	Deltatronic	1120/1380	2150	
	EM 5N 900	900	1540	Euro	1120/1380	1900	
	EM 3N 1400, EGM 3M 1400	1400	1690	Euro 95 WS	970	1900	
Felder	510, 530, 810, 830, 850	1400	2620	Lambda, Lambda KSE 2	1360	2620	
	FW 650	670	1900	Megatronic	1120/1380	1900	
	FW 950 classic	970	1700	Omega, Omegatronic	1120/1380	2150	
	FW 952	970	1900	RSK-0	1120	1900	
	FW 1100, FW 1102	1110	1900	CSB-400	430	1600	
Format 4 (Felder Group)	finish 1102, finish 1302	1110/1310	2200	CSB-600, CSB-900, SCSB-1100, SCSB-1300	630/930/1130/1330	1900	
	Giant 1350	1350	4550	CSB-1600, CSB-1950	1630/1980	2620	
Griggio	GC65, GC95, GC110	670/970/1120	2150	CSB 2-600, CSB 2-900, SCSB 2-1100, SCSB 2-1300	630/930/1130/1330	1900	
	GI 1000 RR/RRT, GI 1300 RR/RRT	1120/1370	2620	CSB 2-1050, CSB 2-1300, CSB 2-1600, CSB 2-1950	1080/1330/1630/1980	2620	
Heesemann	MFA 10	1400	2620/3250	CSB 3-600, CSB 3-900, SCSB 3-1100, SCSB 3-1300	630/930/1130/1330	1900	
	EH 31.11	1120	1900	CSB 3-1050, CSB 3-1300, CSB 3-1600, CSB 3-1950	1080/1330/1630/1980	2620	
	EH 51.11, EH 52.11	1120	2150	KCSB-U	930/1130/1330	1900	
	EH 51.13, 52.13	1370	2150	SA 2100 W, SA 2100 C, SA 2100 K	600/900/1100/1350	1900	
	FBA 8	700/1400	2620	SA 2200 WW, SA 2200 WS, SA 2200 WC	600/900/1100/1350	1900	
	KSA 4	1350	3250	SA 2200 WK, SA 2200 WG	1100/1350	1900	
	KSA 8	1650/2050/2350/2650	2620/3250	SA 2200 KG	1100	1900	
	LSM 4-U, LSM 8	1350	2620/3250	SA 2300 WWW, SA 2300 WWS	600/900/1100	1900	
	LSM 6, KSM 8	1350	2620	SA 3100 W, SA 3100 C, SA 3100 K	900/1100/1350	1900	
	LAZ 2	1400	2100				
	MFA 6, MFA 6 Impression, MFA 8, MFA Impression	1400	2150/2620				
	Holzkraft	BBS 430 C	450	1600			
BBS 630 C		650	1600				
BSH 650 HP		650	1900				
BSM 1100 RP		1100	1900				
80							

Wide belts

Applications guide



Wide belt machines

Manufacturer	Type	Abrasive belt size		Manufacturer	Type	Abrasive belt size	
		Width in mm	Length in mm			Width in mm	Length in mm
Sanding-master / Timesavers	SA 3100 W, SA 3100 C, SA 3100 K	900/1100/1350	1900	Sanding-master / Timesavers	Sandya 5	1115	1900
	SA 3200 WW, SA 3200 WS, SA 3200 WC, SA 3200 PW, SA 3200 PC, SA 3200 WK, SA 3200 WG, SA 3200 KG	900/1100/1350	1900		Sandya 5 S, Sandya 600, Sandya 75	1115/1370	2150
	SA 3300 WWW, SA 3300 WWS, SA 3300 WWC, SA 3300 PWS, SA 3300 PWC, SA 3300 WWK, SA 3300 WWG	900/1100/1350	1900		Sandya 10/2, Sandya 10/3	1115/1320	2150
	SA 3400 WWWW, SA 3400 WWWS, SA 3400 WWWC	900/1100/1350	1900		Sandya 10S, Sandya 15S, Sandya 16S	1115/1370	2620
	SA 4100 W	1100/1350	2620		Sandya 20, Sandya 9S	1115/1370	2620
	SA 4200 WW, SA 4200 WS, SA 4200 PW, SA 4200 WG, SA 4200 DW	1100/1350	2620		Sandya 30 CS	1315	2300
	SA 4300 WWW, SA 4300 WWS, SA 4300 PWS, SA 4300 WWG, SA 4300 DWG, SA 4300 DKG	1100/1350	2620		Sandya 30 CLK, Sandya 7	1115	2150
	SA 4400 WWWW, SA 4400 WWWS, SA 4400 WWKG	1100/1350	2620		Sandya 30 CL	1315	2150
	SCSB	630/930/1130/1330	1900		Sandya 30/2, Sandya 30/3	930/1115/1315	2620
	SCSB2	630/930/1130/1330	1900		Sandya 40	1370	2620
	SCSB3	630/930/1130/1330	1900		Sandya 50	1115/1315	1900
	Timesavers-Grindingmaster 2000 Serie	600/900/1100/1350	1900		Sandya 60	1115	2620
	Timesavers-Grindingmaster 2100 Serie	600/900/1100/1350	1900		Sandya L90	915	2150
	Timesavers-Grindingmaster 2200 Serie	900/1100	1900		Sandya 90 CLX4G, Sandya 30 RRT130	1315	2620
	Timesavers-Grindingmaster 2200 Serie	1300	2620		Sandya Win	640	1525
	Timesavers-Grindingmaster 3100 Serie	600/900	1525		EuroSander 1350	1350-1400	2620/3250
	Timesavers-Sandingmaster 3300 Serie	900/1100/1350	1900/2150/2620		EuroSander 1700	1650-1730	2620/3250
	Timesavers-Grindingmaster 4100 Serie	600/900/1350	1900		TAG	1400	2620/3250
	Timesavers-Grindingmaster 4200 Serie	600/900/1350	1900		TAG E	1400	2620
	Speedsander	930	1525	TAG EU	1400	2620/3250	
137-1HDMW	940	1525	TAG L	430/630/830	2620		
137-1HD60	940	1525	Challenge 111/113, Challenge 211/213, Challenge 221/223, Challenge 321/323, Challenge 331/333	1130/1380	2620		
137-1HPM	940	1905	Challenge 111AK, Challenge 211A, Challenge 211AK, Challenge 221AK, Challenge 221A	1130	2200		
143-1HD60	1090	1525	Challenge 221B/223B	1130/1380	2620		
CL 63TS, CL 110, CL 130	640/1115/1315	2150	Rita 3/CC, Rita 4/CC	1400	3250		
Sandya CL 110M	1115	2150	S1, S2	1130/1380	2200/2620		
CS92, CS110, CS130	930/1115/1315	2300	S3	1130/1380/1630	2620		
Sandya Uno (CC, CS, CCS, RR, RCS)	930	1525	S4	1380	3250		
Sandya 1K, Sandya 1S	970	1525	S211, S219	1000	1900		
Sandya 3	970	1900	Valeria 1, 2, 3	1400	3250		
Sandya 3 S, Sandya 300	970/1115	1900	KSF	1120/1370/1620	2150/2620		
			KSV	1120/1370/1620/1920/2270	2620		
			KSL	1370/1620	2620		
			OFZ-K1(o), -K2(o), -K3(o)	950/1150/1400	2050/2500		
			OFZ KS/Q	1400	2500		
			Weber 600	1120/1370	1900		
			Weber 1000	1120/1370	2150		
			LCS	1100/1300	1900		
			LCE compact	1100/1350	1900		
			TT, MKS	600/1100/1350/1600	2150		
			MK	920/1120/1370/1620/2020	2620		
			KLE	1400	2620		

Wide belts

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 behaviour due to self-sharpening zirconia alumina - 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

Recommended prices.

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	⓪
Metals	⓪		
NF metals	⓪		
Paint/Varnish/Filler	⓪		

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

PS 524 E



Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper

Applications:

Stainless steel	●
Paint/Varnish/Filler	●
Plastic	●
Wood	⓪

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

Recommended prices.

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 on 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



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 coating 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

Recommended prices.

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 - 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
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Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
1120 x 1900	60	F1	10	321842	30,46 €	3
1120 x 1900	80	F1	10	321843	28,02 €	3
1120 x 1900	120	F1	10	321845	26,51 €	3
1120 x 1900	150	F1	10	321846	26,51 €	3
1350 x 2620	150	F1	10	320417	38,05 €	3

Abrasive paper, ANTISTATIC

PS 29 F ACT



Properties

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

Applications:

Wood	●
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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
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Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
930 x 1525	80	F1	10	307852	26,42 €	3
930 x 1525	120	F1	10	307854	25,10 €	3
1100 x 1900	80	F1	10	307857	34,58 €	3
1100 x 1900	120	F1	10	307859	32,61 €	3
1120 x 1900	60	F1	10	292903	38,09 €	3
1120 x 1900	80	F1	10	292904	34,94 €	3
1120 x 1900	100	F1	10	292935	32,98 €	3
1120 x 1900	120	F1	10	292936	32,98 €	3

Recommended prices.



Wide belts with paper backing

Coated abrasives

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

Width x Length in mm	Grit	Belt joint	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
1120 x 1900	150	F1	10	292937	32,98 €	3
1120 x 2150	80	F1	10	307863	37,68 €	3
1120 x 2150	120	F1	10	307865	35,42 €	3
1350 x 2620	60	F1	10	292938	56,29 €	3
1350 x 2620	80	F1	10	292939	51,02 €	3
1350 x 2620	120	F1	10	292941	47,72 €	3
1350 x 2620	150	F1	10	292942	47,72 €	3
1350 x 2620	180	F1	10	307867	47,72 €	3

Abrasive paper, ANTISTATIC

PS 38 G ACT



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

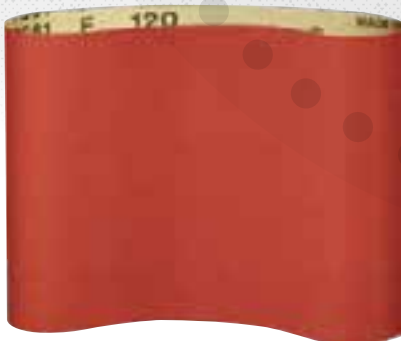
Available grits:

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

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

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

Recommended prices.

Wide belts with paper backing

Coated abrasives



Abrasive paper, KULEX

PS 529 F



NEW !



Properties

Bonding agent	Resin
Grain	SiC agglom.
Backing	F-paper

Applications:

Stainless steel	●
Steel	●
Glass/Stone	○

Advantages: Long life belt for a brilliant and shiny finish, with low and medium contact pressure - Very long service life, with constant surface roughness - Ideal for dry sanding on wide and long belt 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

All sizes and minimum purchasing quantities available on request

Abrasive paper, KULEX

PS 729 F



the prices increase by 7.9%



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

Recommended prices.

Wide belts with cloth backing

Coated abrasives

Abrasive cloth

CS 308 Y



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 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

Recommended prices.

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 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 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

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

Recommended prices.

Wide belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

CS 321 X



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

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 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

Recommended prices.

Wide belts with cloth backing

Coated abrasives



Abrasive cloth, KULEX

CS 329 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 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

CS 330 X



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

Recommended prices.

Wide belts with cloth backing

Coated abrasives

Abrasive cloth ANTISTATIC

CS 336 Y



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 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

Abrasive cloth, waterproof

CS 341 X



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

Recommended prices.

Wide 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	●
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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

Abrasive cloth, waterproof

CS 411 Y



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

Recommended prices.

Wide 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:

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

Abrasive cloth ANTISTATIC

CS 538 Z ACT



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

Recommended prices.

Wide belts with cloth backing

Coated abrasives



Abrasive cloth

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 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

the prices increase by

+7,9 %

Recommended prices.



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



From November 1st 2021
the prices increase by
+7,9%

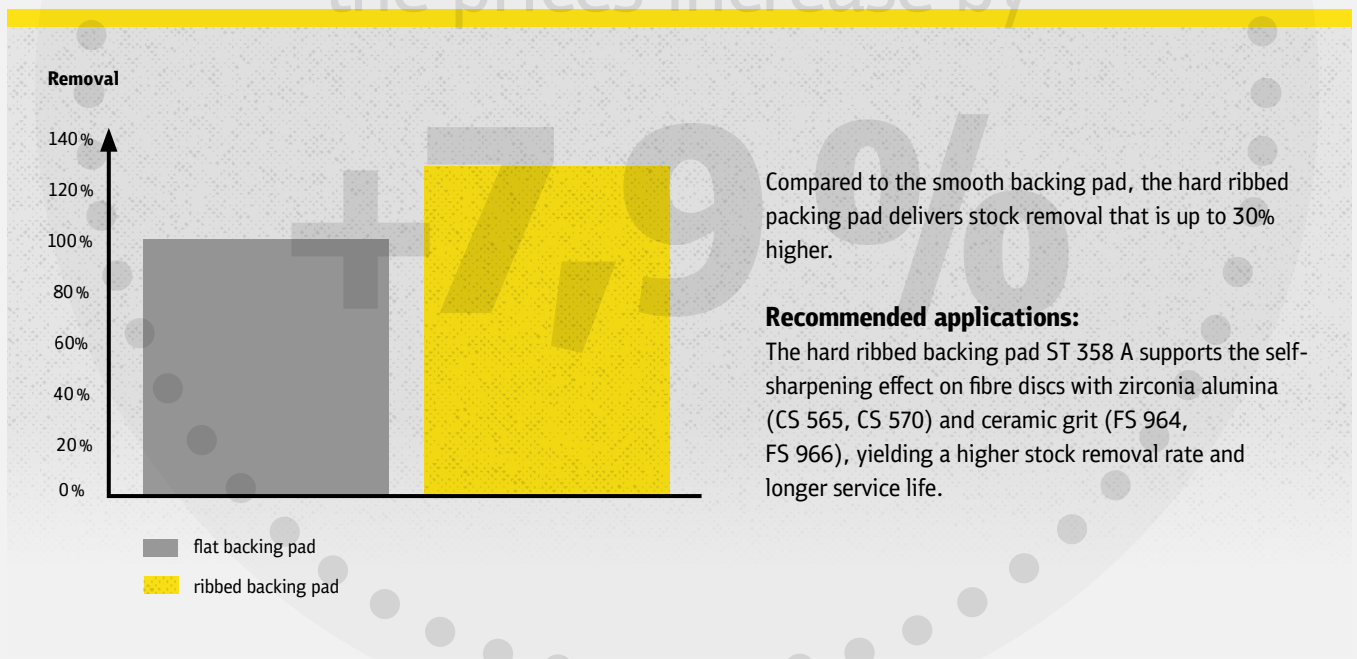
Applications Fibre Discs

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel / NF metals	CS 561	Aluminium oxide	Fibre	●	Abrasive fibre disc for working on steel and NF metals	100
	FS 764 ACT	Aluminium oxide	Fibre	●	Abrasive fibre disc for processing steel and non-ferrous metals. High aggressiveness and long service life due to Advanced Coating Technology	102
Steel / Stainless steel	CS 565	Zirconia alumina	Fibre	●	Abrasive fibre disc with high stock removal rate for rough grinding and deburring of steel and stainless steel	103
	FS 964 ACT	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	105
Stainless steel	CS 570	Zirconia alumina	Fibre	●	High performance fibre disc with additional multibond for high stock removal rate and long service life for cool grinding on stainless steel and high alloy steel, especially for surface grinding	104
	FS 966 ACT	Ceramic aluminium oxide	Fibre	●	High performance fibre disc with very high stock removal rate and extremely long service life, with self-sharpening ceramic grain for the processing of high alloy steel, multibond for cool grinding. Improved grit adhesion due to Advanced Coating Technology	106

● = close ● = semi-open ○ = open

Technical information about the backing pad

The right backing pad		
Product	 ST 358	 ST 358 A
Backing pad form	Medium hard, flat	Hard, ribbed
Benefit	Even grinding finish, good adaptation to the workpiece	High material removal rates, high stability Additional benefit of our ribbed backing pad: increased aggression, cool grinding
Application	Finish grinding (grit 50 and finer), edge rounding, contour grinding, surface grinding	Rough grinding (up to grit 40 and coarser), chamfering, deburring work, welded seam work



The safe use of Klingspor abrasives

Klingspor fibre discs have been tested according to the guidelines of the oSa directives and are guaranteed to comply with European safety standard EN 13743



Wear safety goggles or glasses to protect the eyes



Wear safety gloves to protect hands



Wear a dust mask



Observe safety instructions



Use ear protectors



Do not use for wet grinding



Only permitted with a backing pad



Do not use if damaged

Hole pattern for fibre discs



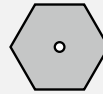
10 = round hole



30 = star-shaped hole



50 = X-LOCK



Additional special cutting shapes are available on request. Please ask for more information.

Minimum order quantities for made to order items

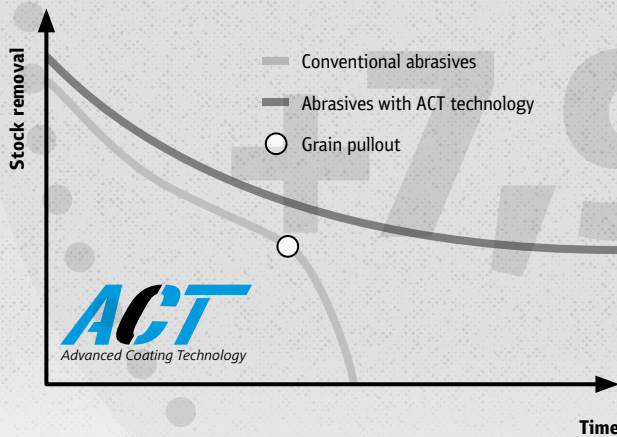


We reserve the right to over-deliver or under-deliver made to order items.

Disc diameter	Minimum order quantities
up to 235 mm	1,000 pieces

From November 1st 2021

the prices increase by



ACT-Advanced Coating Technology

Provides a significantly higher grit adhesion, when working on metal with fibre discs. This significantly increases the life.

Fibre discs

Coated abrasives

Abrasive fibre disc

CS 561



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

Applications:

Steel	●	Stainless steel	⓪
NF metals	●	Wood	⓪
Metals	●		
Plastic	⓪		

Advantages: For universal use - Largest selection of diameters, grit sizes and hole patterns

Available grits:

Diameter x Hole in mm		Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
100 x 16	16	⊙ 10	25	65708	50,40 €	8	
100 x 16	24	⊙ 10	25	65713	41,00 €	8	
100 x 16	36	⊙ 10	25	65718	38,20 €	8	
100 x 16	40	⊙ 10	25	65720	33,90 €	8	
100 x 16	50	⊙ 10	25	65725	32,20 €	8	
100 x 16	60	⊙ 10	25	65730	29,30 €	8	
100 x 16	80	⊙ 10	25	65735	28,50 €	8	
100 x 16	120	⊙ 10	25	65743	28,50 €	8	
115 x 22	16	⊙ 10	25	66302	59,20 €	8	
115 x 22	24	⊙ 10	25	72298	48,20 €	8	
115 x 22	36	⊙ 10	25	66308	44,80 €	8	
115 x 22	40	⊙ 10	25	72192	39,80 €	8	
115 x 22	50	⊙ 10	25	66313	37,80 €	8	
115 x 22	60	⊙ 10	25	66318	34,50 €	8	
115 x 22	80	⊙ 10	25	25472	33,50 €	8	
115 x 22	100	⊙ 10	25	66322	33,50 €	8	
115 x 22	120	⊙ 10	25	66327	33,50 €	8	
115 x 22	16	⊛ 30	25	10977	59,20 €	8	
115 x 22	24	⊛ 30	25	10978	48,20 €	8	
115 x 22	30	⊛ 30	25	10979	45,80 €	8	
115 x 22	36	⊛ 30	25	10980	44,80 €	8	
115 x 22	40	⊛ 30	25	10981	39,80 €	8	
115 x 22	50	⊛ 30	25	10982	37,80 €	8	
115 x 22	60	⊛ 30	25	10983	34,50 €	8	
115 x 22	80	⊛ 30	25	10984	33,50 €	8	
115 x 22	100	⊛ 30	25	10985	33,50 €	8	
115 x 22	120	⊛ 30	25	10986	33,50 €	8	
115 x 22	150	⊛ 30	25	10987	33,50 €	8	
115 x 22	180	⊛ 30	25	10988	33,50 €	8	
115 x 22	220	⊛ 30	25	10989	33,50 €	8	
115 x 22	240	⊛ 30	25	10990	33,50 €	8	
115 x 22	320	⊛ 30	25	10992	33,50 €	8	
115 x 22 X-LOCK	24	⊛ 50	25	351150	53,00 €	8	
115 x 22 X-LOCK	36	⊛ 50	25	351147	49,30 €	8	

Recommended prices.



Fibre discs

Coated abrasives



►► Continuation of CS 561, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22 X-LOCK	40	⊕ 50	25	351149	43,90 €	8
115 x 22 X-LOCK	60	⊕ 50	25	351148	38,10 €	8
115 x 22 X-LOCK	80	⊕ 50	25	351146	36,80 €	8
125 x 22	16	⊖ 10	25	66354	69,30 €	8
125 x 22	24	⊖ 10	25	66358	56,40 €	8
125 x 22	36	⊖ 10	25	66364	52,50 €	8
125 x 22	40	⊖ 10	25	66366	46,60 €	8
125 x 22	50	⊖ 10	25	66371	44,20 €	8
125 x 22	60	⊖ 10	25	66376	40,30 €	8
125 x 22	80	⊖ 10	25	70439	39,20 €	8
125 x 22	100	⊖ 10	25	66379	39,20 €	8
125 x 22	120	⊖ 10	25	66383	39,20 €	8
125 x 22	16	⊗ 30	25	11009	69,30 €	8
125 x 22	24	⊗ 30	25	11010	56,40 €	8
125 x 22	30	⊗ 30	25	11011	53,60 €	8
125 x 22	36	⊗ 30	25	11012	52,50 €	8
125 x 22	40	⊗ 30	25	11013	46,60 €	8
125 x 22	50	⊗ 30	25	11014	44,20 €	8
125 x 22	60	⊗ 30	25	11015	40,30 €	8
125 x 22	80	⊗ 30	25	11016	39,20 €	8
125 x 22	100	⊗ 30	25	11017	39,20 €	8
125 x 22	120	⊗ 30	25	11018	39,20 €	8
125 x 22	150	⊗ 30	25	11019	39,20 €	8
125 x 22	180	⊗ 30	25	11020	39,20 €	8
125 x 22	220	⊗ 30	25	11021	39,20 €	8
125 x 22	240	⊗ 30	25	11022	39,20 €	8
125 x 22	320	⊗ 30	25	11024	39,20 €	8
125 x 22 X-LOCK	24	⊕ 50	25	351145	62,00 €	8
125 x 22 X-LOCK	36	⊕ 50	25	351144	57,70 €	8
125 x 22 X-LOCK	40	⊕ 50	25	351143	51,20 €	8
125 x 22 X-LOCK	60	⊕ 50	25	351139	44,40 €	8
125 x 22 X-LOCK	80	⊕ 50	25	351142	43,10 €	8
150 x 22	24	⊗ 30	25	11042	76,90 €	8
150 x 22	36	⊗ 30	25	11044	71,50 €	8
150 x 22	40	⊗ 30	25	11045	63,50 €	8
150 x 22	60	⊗ 30	25	11047	55,00 €	8
150 x 22	80	⊗ 30	25	11048	53,40 €	8
150 x 22	120	⊗ 30	25	11050	53,40 €	8
180 x 22	16	⊖ 10	25	66443	127,00 €	8
180 x 22	24	⊖ 10	25	66451	103,00 €	8
180 x 22	36	⊖ 10	25	66459	95,40 €	8
180 x 22	40	⊖ 10	25	70447	84,70 €	8
180 x 22	50	⊖ 10	25	70448	80,40 €	8
180 x 22	60	⊖ 10	25	70449	73,30 €	8
180 x 22	80	⊖ 10	25	66465	71,20 €	8
180 x 22	100	⊖ 10	25	66469	71,20 €	8
180 x 22	120	⊖ 10	25	66472	71,20 €	8
180 x 22	16	⊗ 30	25	11057	127,00 €	8
180 x 22	24	⊗ 30	25	11058	103,00 €	8
180 x 22	36	⊗ 30	25	11060	95,40 €	8
180 x 22	40	⊗ 30	25	11061	84,70 €	8

Recommended prices.



Fibre discs

Coated abrasives

►► Continuation of CS 561, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
180 x 22	50	⊗ 30	25	11062	80,40 €	8
180 x 22	60	⊗ 30	25	11063	73,30 €	8
180 x 22	80	⊗ 30	25	11064	71,20 €	8
180 x 22	100	⊗ 30	25	11065	71,20 €	8
180 x 22	120	⊗ 30	25	11066	71,20 €	8
180 x 22	180	⊗ 30	25	11068	71,20 €	8
180 x 22	240	⊗ 30	25	11070	71,20 €	8
180 x 22	320	⊗ 30	25	11072	71,20 €	8
235 x 22	24	⊙ 10	25	66497	185,00 €	8
235 x 22	36	⊙ 10	25	66502	172,00 €	8
235 x 22	40	⊙ 10	25	66504	153,00 €	8
235 x 22	60	⊙ 10	25	66511	132,00 €	8
235 x 22	80	⊙ 10	25	66514	128,00 €	8

Dispenser see page 108 / Backing pads see page 107-108.

Abrasive fibre disc

FS 764 ACT



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

Applications:

Steel	●	NF metals	⓪
Stainless steel	●	Wood	⓪
Metals	●		
Plastic	⓪		

Advantages: For universal use - Increased removal rate and outstanding grit adhesion due to special ACT recipe - Long service life - Also suitable for 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 Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22	24	⊗ 30	25	316469	50,70 €	8
115 x 22	36	⊗ 30	25	316470	47,10 €	8
115 x 22	40	⊗ 30	25	316471	41,90 €	8
115 x 22	60	⊗ 30	25	316473	36,20 €	8
115 x 22	80	⊗ 30	25	316474	35,20 €	8
115 x 22	120	⊗ 30	25	316475	35,20 €	8
125 x 22	24	⊗ 30	25	316476	59,30 €	8
125 x 22	36	⊗ 30	25	316477	55,20 €	8
125 x 22	40	⊗ 30	25	316478	49,00 €	8
125 x 22	60	⊗ 30	25	316480	42,40 €	8
125 x 22	80	⊗ 30	25	316481	41,20 €	8
125 x 22	120	⊗ 30	25	316482	41,20 €	8
180 x 22	24	⊗ 30	25	316483	108,00 €	8
180 x 22	36	⊗ 30	25	316484	100,00 €	8



Recommended prices.

Fibre discs

Coated abrasives



►► Continuation of FS 764 ACT, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
180 x 22	40	⊗ 30	25	316485	89,10 €	8
180 x 22	60	⊗ 30	25	316487	77,10 €	8
180 x 22	80	⊗ 30	25	316488	74,90 €	8
180 x 22	120	⊗ 30	25	316489	74,90 €	8

Dispenser see page 108 / Backing pads see page 107-108.

Abrasive fibre disc

CS 565



XLOCK !



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

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
100 x 16	36	⊖ 10	25	23680	50,50 €	8
100 x 16	60	⊖ 10	25	84604	40,00 €	8
100 x 16	80	⊖ 10	25	188678	38,90 €	8
115 x 22	24	⊖ 10	25	93409	63,90 €	8
115 x 22	36	⊖ 10	25	65698	59,40 €	8
115 x 22	60	⊖ 10	25	65700	47,00 €	8
115 x 22	80	⊖ 10	25	65701	45,70 €	8
115 x 22	24	⊗ 30	25	95335	63,90 €	8
115 x 22	36	⊗ 30	25	6686	59,40 €	8
115 x 22	40	⊗ 30	25	242801	54,30 €	8
115 x 22	50	⊗ 30	25	92066	51,60 €	8
115 x 22	60	⊗ 30	25	6687	47,00 €	8
115 x 22	80	⊗ 30	25	6688	45,70 €	8
115 x 22	100	⊗ 30	25	204609	45,70 €	8
115 x 22 X-LOCK	24	⊕ 50	25	351141	70,40 €	8
115 x 22 X-LOCK	36	⊕ 50	25	351140	65,30 €	8
115 x 22 X-LOCK	40	⊕ 50	25	351154	59,80 €	8
115 x 22 X-LOCK	60	⊕ 50	25	351160	51,60 €	8
115 x 22 X-LOCK	80	⊕ 50	25	351159	50,30 €	8
125 x 22	36	⊖ 10	25	65681	69,50 €	8
125 x 22	40	⊖ 10	25	242802	63,60 €	8
125 x 22	60	⊖ 10	25	65707	55,00 €	8
125 x 22	80	⊖ 10	25	23001	53,40 €	8
125 x 22	24	⊗ 30	25	97643	74,80 €	8
125 x 22	36	⊗ 30	25	6620	69,50 €	8
125 x 22	40	⊗ 30	25	242803	63,60 €	8

Recommended prices.



Fibre discs

Coated abrasives

►► Continuation of CS 565, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125 x 22	50	⊗ 30	25	93054	60,40 €	8
125 x 22	60	⊗ 30	25	6721	55,00 €	8
125 x 22	80	⊗ 30	25	23005	53,40 €	8
125 x 22	100	⊗ 30	25	204611	53,40 €	8
125 x 22 X-LOCK	24	⊗ 50	25	351158	82,30 €	8
125 x 22 X-LOCK	36	⊗ 50	25	351161	76,40 €	8
125 x 22 X-LOCK	40	⊗ 50	25	351157	70,00 €	8
125 x 22 X-LOCK	60	⊗ 50	25	351156	60,60 €	8
125 x 22 X-LOCK	80	⊗ 50	25	351155	58,80 €	8
180 x 22	36	⊙ 10	25	65702	126,00 €	8
180 x 22	60	⊙ 10	25	65705	100,00 €	8
180 x 22	80	⊙ 10	25	65706	97,20 €	8
180 x 22	24	⊗ 30	25	95993	136,00 €	8
180 x 22	36	⊗ 30	25	65703	126,00 €	8
180 x 22	40	⊗ 30	25	242807	116,00 €	8
180 x 22	50	⊗ 30	25	93045	110,00 €	8
180 x 22	60	⊗ 30	25	6690	100,00 €	8
180 x 22	80	⊗ 30	25	6691	97,20 €	8

Dispenser see page 108 / Backing pads see page 107-108.

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 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

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
100 x 16	36	⊙ 10	25	204823	54,70 €	8
100 x 16	60	⊙ 10	25	204825	42,00 €	8
100 x 16	80	⊙ 10	25	204826	40,80 €	8
100 x 16	120	⊙ 10	25	204828	40,80 €	8
115 x 22	36	⊙ 10	25	204797	64,30 €	8
115 x 22	60	⊙ 10	25	204799	49,40 €	8
115 x 22	80	⊙ 10	25	204800	48,00 €	8
115 x 22	120	⊙ 10	25	204802	48,00 €	8
115 x 22	24	⊗ 30	25	204085	68,60 €	8
115 x 22	36	⊗ 30	25	204086	64,30 €	8
115 x 22	40	⊗ 30	25	250258	57,10 €	8
115 x 22	50	⊗ 30	25	204087	54,20 €	8

Recommended prices.



Fibre discs

Coated abrasives



►► Continuation of CS 570 ,Abrasive fibre disc, multibond

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22	60	⊗ 30	25	204088	49,40 €	8
115 x 22	80	⊗ 30	25	204089	48,00 €	8
115 x 22	100	⊗ 30	25	204090	48,00 €	8
115 x 22	120	⊗ 30	25	204091	48,00 €	8
125 x 22	36	⊙ 10	25	204806	75,20 €	8
125 x 22	60	⊙ 10	25	204811	57,80 €	8
125 x 22	80	⊙ 10	25	204812	56,10 €	8
125 x 22	120	⊙ 10	25	204814	56,10 €	8
125 x 22	24	⊗ 30	25	204092	80,30 €	8
125 x 22	36	⊗ 30	25	204093	75,20 €	8
125 x 22	40	⊗ 30	25	250259	66,80 €	8
125 x 22	50	⊗ 30	25	204094	63,40 €	8
125 x 22	60	⊗ 30	25	204095	57,80 €	8
125 x 22	80	⊗ 30	25	204096	56,10 €	8
125 x 22	100	⊗ 30	25	204097	56,10 €	8
125 x 22	120	⊗ 30	25	204098	56,10 €	8
180 x 22	24	⊗ 30	25	204099	146,00 €	8
180 x 22	36	⊗ 30	25	204100	137,00 €	8
180 x 22	40	⊗ 30	25	250260	121,00 €	8
180 x 22	60	⊗ 30	25	204102	105,00 €	8
180 x 22	80	⊗ 30	25	204103	102,00 €	8
180 x 22	120	⊗ 30	25	204105	102,00 €	8

Dispenser see page 108 / Backing pads see page 107-108.

Abrasive fibre disc

FS 964 ACT



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

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22	24	⊗ 30	25	330478	114,00 €	8
115 x 22	36	⊗ 30	25	330498	100,00 €	8
115 x 22	40	⊗ 30	25	330482	91,00 €	8
115 x 22	50	⊗ 30	25	330480	84,40 €	8
115 x 22	60	⊗ 30	25	330479	78,60 €	8
115 x 22	80	⊗ 30	25	330481	72,80 €	8
115 x 22	120	⊗ 30	25	330483	72,80 €	8
125 x 22	24	⊗ 30	25	330484	134,00 €	8

Recommended prices.



Fibre discs

Coated abrasives

►► Continuation of FS 964 ACT, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125 x 22	36	⊗ 30	25	330485	117,00 €	8
125 x 22	40	⊗ 30	25	330486	106,00 €	8
125 x 22	50	⊗ 30	25	330488	98,80 €	8
125 x 22	60	⊗ 30	25	330487	92,00 €	8
125 x 22	80	⊗ 30	25	330490	85,10 €	8
125 x 22	120	⊗ 30	25	330491	85,10 €	8
180 x 22	24	⊗ 30	25	330489	243,00 €	8
180 x 22	36	⊗ 30	25	330492	214,00 €	8
180 x 22	40	⊗ 30	25	330493	194,00 €	8
180 x 22	50	⊗ 30	25	330494	180,00 €	8
180 x 22	60	⊗ 30	25	330495	167,00 €	8
180 x 22	80	⊗ 30	25	330496	155,00 €	8

Dispenser see page 108 / Backing pads see page 107-108.

Abrasive fibre disc, multibond

FS 966 ACT



Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

Applications:

Stainless steel	●
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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
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Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22	36	⊗ 30	25	316490	109,00 €	8
115 x 22	40	⊗ 30	25	316491	98,90 €	8
115 x 22	50	⊗ 30	25	318504	91,70 €	8
115 x 22	60	⊗ 30	25	316492	85,40 €	8
115 x 22	80	⊗ 30	25	316493	79,10 €	8
115 x 22	120	⊗ 30	25	324237	79,10 €	8
115 x 22 X-LOCK	40	⊗ 50	25	351166	108,90 €	8
115 x 22 X-LOCK	60	⊗ 50	25	351167	94,00 €	8
115 x 22 X-LOCK	80	⊗ 50	25	351165	87,10 €	8
125 x 22	24	⊗ 30	25	318305	145,00 €	8
125 x 22	36	⊗ 30	25	316494	128,00 €	8
125 x 22	40	⊗ 30	25	316495	116,00 €	8
125 x 22	60	⊗ 30	25	316496	100,00 €	8
125 x 22	80	⊗ 30	25	316497	92,60 €	8
125 x 22	120	⊗ 30	25	324239	92,60 €	8
125 x 22 X-LOCK	40	⊗ 50	25	351164	127,90 €	8
125 x 22 X-LOCK	60	⊗ 50	25	351163	109,90 €	8
125 x 22 X-LOCK	80	⊗ 50	25	351162	101,70 €	8

Recommended prices.



Fibre discs / Backing pads

Coated abrasives



►► Continuation of FS 966 ACT, Abrasive fibre disc, multibond

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
180 x 22	24	⊗ 30	25	318352	264,00 €	8
180 x 22	36	⊗ 30	25	316498	232,00 €	8
180 x 22	40	⊗ 30	25	316499	210,00 €	8
180 x 22	60	⊗ 30	25	316501	182,00 €	8
180 x 22	80	⊗ 30	25	316502	168,00 €	8
180 x 22	120	⊗ 30	25	324238	168,00 €	8

Dispenser see page 108 / Backing pads see page 107-108.

Backing pad

ST 358



X-LOCK !



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

the prices increase by

Diameter in mm	Thread/Shaft	Suitable for	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100	thread M10	Diameter 100 x 16	80 m/s	15300 rpm	1	305190	4,48 €	14
100	thread M14	Diameter 100 x 22	80 m/s	15300 rpm	1	2774	4,48 €	14
115 X-LOCK	X-LOCK	Ø 115 X-LOCK	80 m/s	13300 rpm	1	352049	22,98 €	14
115	thread M10	Diameter 115 x 22	80 m/s	13300 rpm	1	14859	10,32 €	14
115	thread M14	Diameter 115 x 22	80 m/s	13300 rpm	1	14838	5,16 €	14
125 X-LOCK	X-LOCK	Ø 125 X-LOCK	80 m/s	12200 rpm	1	352048	27,15 €	14
125	thread M14	Diameter 125 x 22	80 m/s	12200 rpm	1	14835	6,19 €	14
150	thread M14	Diameter 150 x 22	80 m/s	10200 rpm	1	14836	6,92 €	14
180	thread M14	Diameter 180 x 22	80 m/s	8500 rpm	1	14840	12,81 €	14
235	thread M14	Diameter 235 x 22	80 m/s	6600 rpm	1	14841	17,12 €	14

Recommended prices.

Backing pads / Dispenser for fibre discs

Backing pad

ST 358 A



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

Diameter in mm	Thread/Shaft	Suitable for	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 X-LOCK	X-LOCK	Ø 115 X-LOCK	80 m/s	13300 rpm	1	352047	21,81 €	14
115	thread M14	Diameter 115 x 22	80 m/s	13300 rpm	1	126346	6,43 €	14
125 X-LOCK	X-LOCK	Ø 125 X-LOCK	80 m/s	12200 rpm	1	352046	28,31 €	14
125	thread M14	Diameter 125 x 22	80 m/s	12200 rpm	1	126347	7,77 €	14
180	thread M14	Diameter 180 x 22	80 m/s	8500 rpm	1	126348	14,08 €	14

Dispenser for fibre discs

FS 555



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

Fibre discs not included

Width x Length x Height in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
170 x 140 x 196	1	316463	10,06 €	14

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %



Strips/Sheets/Discs

About the product

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

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel / stainless steel	PS 21 FK	Zirconia alumina	F-paper	●	Premium self-fastening product 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	141
	PS 61 FK	Ceramic aluminium oxide	F-paper	●	Close coating, strong backing and micro-crystalline, self-sharpening ceramic grain provide an aggressive grinding behaviour on steel and stainless steel	149
Steel / metals	KL 361 JF	Aluminium oxide	JF-cotton	●	High quality, highly flexible abrasive cloth for versatile applications in the metal processing industry, also suitable for stainless steel	131, 134
	KL 371 X	Aluminium oxide	X-cotton	●	Economical universal product for surface grinding in metal processing	132
	KL 385 JF	Aluminium oxide	JF-cotton	●	Highly flexible universal product for the metal processing industry, good price-performance ratio	133
	CS 411 XK	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	160
Wood	PS 22 F ACT	Aluminium oxide	F-paper	●	Close coating 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	123
	PS 22 K	Aluminium oxide	E-paper	⦿	Abrasive paper with semi-open coating and exceptional machining performance to create a uniform scratch pattern when processing wood and metal	123, 142
	PS 30 D	Aluminium oxide	D-paper	⦿	Economical abrasive paper for versatile applications in the processing of wood and paint	120, 123
	PS 19 EK	SiC	E-paper	●	Robust high performance product with stable E-paper backing for coarse, intermediate and finish sanding. Ideal for hard and difficult-to-machine materials due to the use of sharp-edged silicon carbide	125
	PL 31 B	Aluminium 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	120, 124
	SW 501 TR	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	136

● = 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 ²
B	approx. 105 g/m ²
C	approx. 110 g/m ²
D	approx. 130 g/m ²
E	approx. 250 g/m ²
F	approx. 300 g/m ²
G	ca. 400 g/m ²

Properties

K	Self-fastening
W	Coated with active agent



Strips/Sheets/Discs

Applications guide

Application	Type	Grain	Backing	Coating	Characteristics	Page
Paint / Varnish / Filler	PS 33 B	Aluminium oxide	B-paper	●	High quality abrasive paper, especially suited for paint, varnish and filler	122
	PS 33 BK	Aluminium oxide	B-paper	●	High quality self-fastening product, especially for work on paint, varnish and filler	127, 148
	PS 33 C	Aluminium oxide	C-paper	●	High quality abrasive paper, especially suited for paint, varnish and filler	121
	PS 33 CK	Aluminium oxide	C-paper	●	High quality self-fastening product, especially for work on paint, varnish and filler	126, 146
	PS 73 BW	Aluminium oxide	B-paper	●	High quality abrasive paper, especially suited for the processing of paint, varnish and filler, with a special coating for a long service life	122
	PS 73 BWK	Aluminium oxide	B-paper	●	High quality abrasive product, especially for work on paint, varnish and filler, with a long service life thanks to added active agent coating	152
	PS 73 CWK	Aluminium oxide	C-paper	●	High quality abrasive product, especially for work on paint, varnish and filler, with a long service life thanks to added active agent coating	151
	PS 77 CK T-ACT	Aluminium oxide	C-paper	●	High performance product with new innovative coating technology that keeps the disc from clogging prematurely during the sanding of strongly adhesive materials. Coarse and intermediate sanding with premium latex C-paper	129, 154
	PS 19 EK	SiC	E-paper	●	Robust high performance product with stable F weight paper backing for coarse, intermediate and finish sanding. Ideal for hard and difficult-to-machine materials due to incredibly sharp silicon carbide grain	125, 141
	FP 73 WK	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 coating	128, 150
	FP 77 K T-ACT	Aluminium oxide	Film	●	High performance product with new innovative coating technology that keeps the disc from clogging prematurely during the sanding of strongly adhesive materials. Fine and finish sanding with an exceptionally stable and tear resistant film backing	128, 153
	PS 11 A	SiC	A-paper	●	High quality, highly flexible, waterproof abrasive paper for working on paint, varnish and filler especially in the car repair sector	119
	PS 11 C	SiC	C-paper	●	High quality, highly flexible, waterproof abrasive paper for working on paint, varnish and filler especially in the car repair sector	118, 140
	PS 8 A	SiC	A-paper	●	Very flexible, waterproof abrasive paper for processing paint, varnish and filler predominantly in the sector of car repair and body paint	117
	PS 8 C	SiC	C-paper	●	Very flexible, waterproof abrasive paper for processing paint, varnish and filler predominantly in the sector of car repair and body paint	117
	FD 500	Aluminium oxide / SiC	Foam core		Foam-coated disc for finishing. Superior flexibility and adaptability on contours and profiles	158
	SK 500	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	135
	SK 700 A	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	135
	SW 501	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	136
	SW 501 TR	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	136
SW 502	SiC	Sponge	●	Structure like SW 501, though with more aggressive SiC grit	137	
SW 510	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	137	
Composites, gel coats, paints and coatings, plaster and plasterboard, wood fillers and varnish	AN 400	Aluminium oxide	Abrasive screen	●	Effective high extraction dust removal thanks to open grid structure	129, 156

● = close ○ = semi-open ○ = open

Minimum order quantities for made to order items

Product	Dimensions	Minimum order quantities
Sheets	230 × 280 mm	250 pieces
	70 × 450 mm	500 pieces
Strips	115 × 140 mm	1,000 pieces
	93 × 230 mm	500 pieces
	115 × 280 mm	500 pieces
Sheets exceeding 230 x 280 mm	Minimum quantities on request	
Large sheets	1400 × 1540 mm	10 pieces

Product	Dimensions	Minimum order quantities
Self-fastening products	70 × 125 mm	1,000 pieces
	80 × 133 mm	1,000 pieces
	93 × 230 mm	500 pieces
	100 × 115 mm	1,000 pieces
	115 × 280 mm	500 pieces

Other sizes available on request.

Strips/Sheets

- ▶ for general use for freehand sanding and finishing and for use with handheld power tools
- ▶ specially designed for particular materials (e.g. wood, metal, etc.)
- ▶ special sizes available on request
- ▶ for wet and dry applications
- ▶ 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 applications
- ▶ backings: paper, film, non-woven web and surface conditioning material
- ▶ self-fastening products
- ▶ suitable backing plate for angle grinder / orbital sander

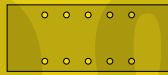



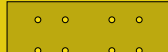
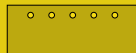


Hole patterns for strips

Klingspor offers a wide range of products with hole patterns for dust extraction. The hole pattern you require depends on the machine you are using. The chart alongside shows the most popular types of machines and the required hole pattern.

You will find the available hole patterns marked in the tables 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.

Other hole patterns available on request.

	GL 1	115 × 280 mm 10 holes Ø 10 mm
	GL 3	93 × 230 mm 8 holes Ø 10 mm
	GL 9	93 × 230 mm 8 holes Ø 10 mm
	GL 11	115 × 280 mm 14 holes Ø 10 mm
	GL 13	115 × 280 mm 8 holes Ø 10 mm
	GL 15	115 × 230 mm 10 holes Ø 10 mm
	GL 17	93 × 180 mm 8 holes Ø 10 mm
	GL 18	80 × 133 mm 8 holes Ø 10 mm



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

Strips/Sheets/Discs

Applications guide

Klingspor strips for every tool

Please contact Klingspor if you cannot find the machine used by you on this list. We will be pleased to assist you further.

Manufacturer	Type	Size in mm	Hole pattern	Design
AEG powertools	FS 2	80 × 133	GL 18	self-fastening
	VS/E 230, VSS/E 260	93 × 180	GL 17	self-fastening
	VSSE 260, VSS 260	93 × 230	GL 9	for clamping
	FDS 140	115 × 140	GL 38	for clamping
	FDS 140	115 × 140	GL 39	self-fastening
	VSS 20, VSSE 230, VS 280, VSE 280, VSSE 280	115 × 230	GL 16	self-fastening
	VSS 20, VSSE 20, VS 280, VSSE 280	115 × 280	plain	for clamping
	VSS/E 20, VS/E 280, VSSE 280	115 × 280	GL 11	for clamping
Atlas Copco	VS 11	80 × 133	GL 18	self-fastening
	VSS 20, VSSE 20	115 × 230	GL 16	self-fastening
	VSS 20, VSSE 20	115 × 280	GL 11	self-fastening
	LS030 H070-3, LS030 S070-3	93 × 180	plain	for clamping
	LS031 H070-3, LS031 S070-3, LS032 H070-3, LS032 S070-3	93 × 180	GL 3	for clamping
Black & Decker	P 63-01	80 × 133	GL 18	self-fastening
	KA 330 EKA	90 × 190	GL 4	self-fastening
	KA 175, KA 186, KA 186 E	93 × 180	GL 17	self-fastening
	KA 320 EKA	93 × 190	GL 4	self-fastening
	KA 320 EKA, KA 300	93 × 230	GL 3	for clamping
	BD 175, BD 180 E, DN 41 AE, DN 180 E, KA 185, KA 185 E, KC 185 E	93 × 230	GL 9	for clamping
	KC 962, VB 135 A, CD 400, BN 41 AE	93 × 230	GL 9	for clamping
	KA 185, KA 185 E	93 × 230	plain	for clamping
	KA 273	115 × 230	GL 16	self-fastening
	P 63-03, P 63-04, P 63-05, BD 273, SR 410	115 × 280	plain	for clamping
	P 63-03, P 63-04, P 63-05, KA 273, SR 410 E, BD 273, DN 41, BD 175, BD 180E	115 × 280	GL 11	for clamping
	VB 135A, DN 180E, KA 185E, KC 962, DN 49, DN 273, VB 250 E, KA274EKA	115 × 280	GL 11	for clamping
Bosch	PSS 240 A, PSS 240 AE, GSS 16 A	80 × 133	GL 18	self-fastening
	GSS 23 AE, GSS 230 A, GSS 230 AE, PSS 22, PSS 23, PSS 23 AE	93 × 180	GL 17	self-fastening
	PSS 23 A, PSS 180, PSS 240, PSS 180 A, PSS 240 A, PSS 240 AE	93 × 180	GL 17	self-fastening
	GSS 230 AVE Professional	93 × 185	GL 10	self-fastening
	PSS 250 AE, PSS 200 A	93 × 190	GL 10	self-fastening
	PSS 240 A, PSS 240 AE, GSS 23, GSS 23 AE, GSS 230 AE, GSS 230 AVE Professional	93 × 230	GL 9	for clamping
	PSS 22, PSS 23 A, PSS 230, PSS 23, PSS 23 AE, PSS 250 AE,	93 × 230	GL 9	for clamping
	GSS 23, GSS 23 AE, GSS 230 AE, PSS 22, PSS 23, PSS 23 A, PSS 23 AE, PSS 230	93 × 230	plain	for clamping
	GSS 140 A	115 × 107	GL 37	self-fastening
	1289 D	115 × 115	plain	self-fastening
	GSS 140 A	115 × 140	GL 38	for clamping
	GSS 28/A, GSS 280 A/AE, PSS 28 AE/280 AE, PSS 300 AE, GSS 280 AVE Professional	115 × 230	GL 16	self-fastening
	GSS 28, PSS 28 AE, PSS 280 AE, GSS 280 AE	115 × 280	plain	for clamping
	GSS 28, PSS 28 AE, PSS 280 AE, GSS 280 AE, PSS 300 AE, GSS 280 AVE Professional	115 × 280	GL 11	for clamping



Strips/Sheets/Discs

Applications guide



Manufacturer	Type	Size in mm	Hole pattern	Design
Casals	KLR 210, VLR 210, BLR 170	93 × 180	GL 17	self-fastening
	BLR 250, VLR 300	115 × 230	GL 16	self-fastening
	LN 216, LR 228	115 × 280	plain	for clamping
DeWalt, ELU	D26423, D 26422	93 × 230	GL 3	self-fastening
	D26441	108 × 115	GL 20	self-fastening
	DW634, DW636, VS 41, VS 71	115 × 230	GL 16	self-fastening
	VS 71	115 × 280	plain	for clamping
	DW634, DW636, VS 41, VS 71	115 × 280	GL 1	for clamping
	D26420, D26421	115 × 280	GL 1	self-fastening
	D26441	140 × 115	GL 33	for clamping
Einhell	EST 170	93 × 180	GL 17	self-fastening
	BSS 150, BT-OS 150	93 × 230	GL 3	for clamping
	RT-OS 30, BT-OS 280 E	115 × 230	GL 15	self-fastening
	ERU 270	115 × 230	GL 16	self-fastening
	RT-OS 30, BT-OS 280 E	115 × 280	GL 1	for clamping
	SS-G 270, BSS 250	115 × 280	GL 13	for clamping
Fein	MSs 641 a, MSs 641 b	115 × 230	GL 16	self-fastening
	MSs 641 a, MSs 641 b	115 × 280	GL 11	for clamping
	MSs 641 a, MSs 641 b	115 × 280	GL 11	self-fastening
Felisatti	TP 31 E	80 × 133	GL 18	self-fastening
	TP 115/350 VE, TP 517/AS	115 × 280	plain	for clamping
Festool	RS 4, RS 4 E, RS 4 - STF, RS 4 E - STF, RS 400, RS 400 Plus, RTS 400 (EQ-Plus, EQ, Q-Plus, Q)	80 × 133	GL 18	self-fastening
	RS 3 - STF, RS 4 E - STF, RS 4, RS 4 E	80 × 165	GL 8	for clamping
	RS 3, RS 3 Plus, RS 3 E, RS 3 E Plus, RS 3 - STF, RS 3 E - STF, RS 300, RS 300 Q/EQ	93 × 180	GL 17	self-fastening
	RS 3 - SFE, RS 3 E - SFE, LRS 93	93 × 180	GL 17	self-fastening
	RS 3 - STF, RS 3 E - STF	93 × 230	plain	for clamping
	RS 3 - STF, RS 3 E - STF	93 × 230	GL 9	for clamping
	RS 1, RS 2, RS 2 E, LRB - IAS, RS 200, RS 100C, RS 100 CQ, RS 200 Q/EQ	115 × 230	GL 15	self-fastening
	RS 2 - STF, RS 2 E - STF, RS 1 - STF, RS 2, RS 2 E	115 × 230	GL 16	self-fastening
	RS 2 - STF, RS 2 E - STF, RS 1 - STF	115 × 280	plain	for clamping
	RS 2 - STF, RS 2 E - STF, RS 1 - STF	115 × 280	GL 11	for clamping
Flex	OS 80-2, OSE 80-2	80 × 133	GL 18	self-fastening
	MS 713	115 × 105	GL 43	self-fastening
HILTI	WFO 280	115 × 280	GL 1	for clamping
	WFO 280	115 × 230	GL 15	self-fastening



Strips/Sheets/Discs

Applications guide

Manufacturer	Type	Size in mm	Hole pattern	Design
Hitachi	SV 8 SA	80 × 133	GL 18	self-fastening
	FS 10 SB	93 × 180	GL 17	self-fastening
	SV 12 SG	114 × 104	GL 19	self-fastening
	SV 12 SF	115 × 115	GL 20	self-fastening
	SV 12 SD, SV 12 V	115 × 230	GL 16	self-fastening
HOLZ HER	2436, 2437	93 × 180	GL 6	self-fastening
	2440	115 × 230	GL 15	self-fastening
	2441	115 × 230	GL 16	self-fastening
Kress	CRS 6165 A, CRS 6175 EA, 250 RSE Set, 300 RSE	115 × 230	GL 16	self-fastening
	CRS 6165 A, CRS 6175 EA, 250 RSE Set, 300 RSE	115 × 280	GL 11	for clamping
Mafell	UVA 115 E	115 × 230	GL 11	self-fastening
	U 115E, UK 115/ 115 E	115 × 230	GL 15	self-fastening
	U 115, U 115 E	115 × 230	GL 16	self-fastening
	U 115E, UK 115/ 115 E	115 × 280	GL 1	for clamping
Makita	BO 3700, BO 3711	93 × 230	GL 9	for clamping
	BO 4554, BO 4556, BO 4565, BO 4555, BO 4566	115 × 103	GL 19	self-fastening
	9045 B, 9045 N, 9046, BO 4900V	115 × 230	GL 16	self-fastening
	BO 4556, BO 4558, BO 4555	115 × 140	GL 38	for clamping
	BO 4901, 9046	115 × 280	plain	for clamping
	9046, BO 4900V	115 × 280	GL 11	for clamping
Metabo	SR 4350	93 × 180	GL 17	self-fastening
	SRE 4350 TURBOTEC	93 × 185	GL 10	self-fastening
	SR 221, SR 321, SR 4320, SFE 227, SF 226	93 × 230	plain	for clamping
	SR 226, SRE 227, SR 180 INTEC, SRE 4350 TURBOTEC	93 × 230	GL 9	for clamping
	SRE 357, SR 356, SR 10-23, SR 10-23 Intec, SR 20-23	93 × 230	plain	for clamping
	SR 216, SRE 217, SRA 60	115 × 115	GL 20	self-fastening
	FSR 200 INTEC	115 × 103	GL 19	self-fastening
	SR 358, SRE 359, SR 4351, SRE 4351 TURBOTEC	115 × 230	GL 16	self-fastening
	SR 328, SRE 329, SR 4321, SR 358, SRE 359	115 × 280	plain	for clamping
SR 328, SRE 329, SR 4321, SR 358, SRE 359, SRE 4351 TURBOTEC	115 × 280	GL 11	for clamping	
Milwaukee	POS 13	80 × 133	GL 18	self-fastening
Peugeot	PV 240 A, TV 4102	93 × 180	GL 17	self-fastening
	TV 4003, TV 4103	115 × 230	GL 16	self-fastening
Ryobi	ESS 2590	93 × 180	GL 17	self-fastening
	ESS 200 RS	93 × 185	GL 10	self-fastening
	ESS 1890 C	93 × 190	GL 10	self-fastening
	S 35, NS 40, NS 40 I, NS-801	93 × 230	plain	for clamping
	S 35, NS-40I, NS 801, NS 40, ESS 1890 C, ESS 2590, ESS 200 RS, ESS 280 RV	93 × 230	GL 9	for clamping
	E05 2410	115 × 110	GL 29	self-fastening
	NS-6200, NS 6300 A, ESS 3215 V	115 × 230	GL 16	self-fastening
	NS 6300 A	115 × 280	plain	for clamping
ESS 3215 VHG	115 × 280	GL 11	for clamping	
SKIL	7300, 7300 S, 7330, 7390, 7395, 7365 AA	93 × 180	GL 17	self-fastening
	7366 AA, 7351 AA, 7346 AA, 7346, 7361 AB	93 × 190	GL 10	self-fastening
	7315, 7320, 7330, 7365 AA, 7366 AA, 7351 AA, 7346 AA, 7346, 7361 AB	93 × 230	GL 9	for clamping
	7314 MA	115 × 110	GL 29	self-fastening
	7312 AA, 7314 MA	115 × 140	GL 38	for clamping
	666, 7381 MA	115 × 230	GL 16	self-fastening
	7381 MA	115 × 280	GL 11	for clamping

Sheets with paper backing

Coated abrasives



Abrasive paper, waterproof

PS 8 C



Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	C-paper

Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	⓪
Metals	⓪

Advantages: Ideal for hard and tough surfaces - Very flexible latex paper allows excellent adaptation - Can be used for wet and 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	60	50	269424	95,70 €	5
230 x 280	80	50	269429	83,50 €	5
230 x 280	100	50	269435	73,80 €	5
230 x 280	120	50	269444	64,60 €	5
230 x 280	150	50	269448	61,00 €	5

Abrasive paper, waterproof

PS 8 A



Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	A-paper

Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	⓪
Metals	⓪

Advantages: Ideal for hard and tough surfaces - Very flexible latex paper allows excellent adaptation - Can be used for wet and 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 2500

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	180	50	269269	57,40 €	5
230 x 280	220	50	269275	57,40 €	5
230 x 280	240	50	269279	57,40 €	5
230 x 280	280	50	269285	57,40 €	5
230 x 280	320	50	269289	57,40 €	5
230 x 280	360	50	269294	57,40 €	5

Recommended prices.



Sheets with paper backing

Coated abrasives

► Continuation of PS 8 A, Abrasive paper, waterproof

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	400	50	269299	57,40 €	5
230 x 280	600	50	269314	57,40 €	5
230 x 280	800	50	269323	61,00 €	5
230 x 280	1000	50	269328	61,00 €	5

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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	60	50	2022	109,00 €	5
230 x 280	80	50	2023	94,60 €	5
230 x 280	100	50	2117	83,50 €	5
230 x 280	120	50	2116	73,00 €	5
230 x 280	150	50	2011	68,80 €	5
230 x 280	180	50	2012	64,70 €	5
230 x 280	220	50	2013	64,70 €	5
230 x 280	240	50	2014	64,70 €	5
230 x 280	280	50	2015	64,70 €	5
230 x 280	320	50	2016	64,70 €	5
230 x 280	360	50	2017	64,70 €	5
230 x 280	400	50	2018	64,70 €	5

Recommended prices.

Sheets with paper backing

Coated abrasives



Abrasive paper, waterproof

PS 11 A



Properties		Applications:	
Bonding agent	Resin	Paint/Varnish/Filler	●
Grain	SiC	Plastic	●
Coating	Close	Glass/Stone	⦿
Backing	A-paper	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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	220	50	2002	64,70 €	5
230 x 280	240	50	2003	64,70 €	5
230 x 280	280	50	2004	64,70 €	5
230 x 280	320	50	2005	64,70 €	5
230 x 280	360	50	2006	64,70 €	5
230 x 280	400	50	2007	64,70 €	5
230 x 280	500	50	2008	64,70 €	5
230 x 280	600	50	2009	64,70 €	5
230 x 280	800	50	2010	68,80 €	5
230 x 280	1000	50	11892	68,80 €	5
230 x 280	1200	50	6616	68,80 €	5
230 x 280	1500	50	186794	68,80 €	5
230 x 280	2000	50	186795	68,80 €	5

Recommended prices.

Sheets with paper backing

Coated abrasives

Abrasive paper

PS 30 D



Properties

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

Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	◐

Advantages: Product with good price-performance ratio - For diverse applications

Available grits:

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	40	50	194660	53,90 €	5
230 x 280	60	50	194662	43,10 €	5
230 x 280	80	50	194663	38,10 €	5
230 x 280	100	50	194664	34,90 €	5
230 x 280	120	50	194665	34,90 €	5
230 x 280	150	50	194666	34,90 €	5
230 x 280	180	50	194667	34,90 €	5
230 x 280	240	50	194668	35,20 €	5
230 x 280	320	50	194669	35,20 €	5

Finishing paper

PL 31 B



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 grinding - Very fine surface scratch pattern

Available grits:

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	40	50	2059	56,50 €	5
230 x 280	50	50	2060	50,50 €	5
230 x 280	60	50	2061	45,20 €	5
230 x 280	80	50	2062	39,80 €	5

Recommended prices.



Sheets with paper backing

Coated abrasives



►► Continuation of PL 31 B, Finishing paper

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	100	50	2048	36,40 €	5
230 x 280	120	50	2049	36,40 €	5
230 x 280	150	50	2050	36,40 €	5
230 x 280	180	50	2051	36,40 €	5
230 x 280	220	50	2052	36,80 €	5
230 x 280	240	50	2053	36,80 €	5
230 x 280	280	50	2054	36,80 €	5
230 x 280	320	50	2055	36,80 €	5
230 x 280	400	50	2057	36,80 €	5

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 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	40	50	147849	81,20 €	5
230 x 280	60	50	147850	64,30 €	5
230 x 280	80	50	147851	56,30 €	5
230 x 280	100	50	149719	51,30 €	5
230 x 280	120	50	147852	51,30 €	5

Recommended prices.

Sheets with paper backing

Coated abrasives

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 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group																			
230 x 280	150	50	149528	51,30 €	5																			
230 x 280	180	50	147853	51,30 €	5																			
230 x 280	220	50	149529	51,80 €	5																			
230 x 280	240	50	147854	51,80 €	5																			
230 x 280	280	50	149793	51,80 €	5																			
230 x 280	320	50	149530	51,80 €	5																			
230 x 280	400	50	148971	51,80 €	5																			
230 x 280	500	50	170667	51,80 €	5																			
230 x 280	600	50	170668	51,80 €	5																			

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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All sizes and minimum purchasing quantities available on request

Recommended prices.

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

Advantages: Premium product for hardwood - Good edge stability - Reduced clogging 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 280	40	100	6529	70,10 €	5
115 x 280	60	100	6531	55,70 €	5
115 x 280	80	100	6532	48,90 €	5
115 x 280	100	100	6533	44,70 €	5

Abrasive paper

PS 30 D



Properties

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

Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	○

Advantages: Product with good price-performance ratio - 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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 280	60	100	194673	25,00 €	5
115 x 280	80	100	194674	22,50 €	5
115 x 280	120	100	194676	20,90 €	5
115 x 280	240	100	194680	21,00 €	5

Recommended prices.

Strips with paper backing

Coated abrasives

Finishing paper

PL 31 B



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-held machine grinding - 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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group																		
93 x 230	40		100	2416	21,00 €	5																		
93 x 230	60		100	2418	17,20 €	5																		
93 x 230	80		100	2419	15,40 €	5																		
93 x 230	100		100	2390	14,30 €	5																		
93 x 230	120		100	2391	14,30 €	5																		
93 x 230	180		100	2393	14,30 €	5																		
93 x 230	240		100	2395	14,40 €	5																		
93 x 230	60	GL 9	100	2667	30,30 €	5																		
93 x 230	80	GL 9	100	2668	28,50 €	5																		
93 x 230	120	GL 9	100	2670	27,40 €	5																		
115 x 280	40		100	2412	31,70 €	5																		
115 x 280	60		100	2414	26,00 €	5																		
115 x 280	80		100	2415	23,30 €	5																		
115 x 280	100		100	2379	21,60 €	5																		
115 x 280	120		100	2380	21,60 €	5																		
115 x 280	150		100	2381	21,60 €	5																		
115 x 280	180		100	2382	21,60 €	5																		
115 x 280	220		100	2383	21,80 €	5																		
115 x 280	240		100	2384	21,80 €	5																		
115 x 280	60	GL 1	100	5324	39,10 €	5																		
115 x 280	80	GL 1	100	5323	36,40 €	5																		
115 x 280	120	GL 1	100	5321	34,70 €	5																		

Recommended prices.

Strips with paper backing, self-fastening

Coated abrasives



Abrasive paper, self-fastening

PS 19 EK



Properties		Applications:	
Bonding agent	Resin	Wood	●
Grain	SiC	Paint/Varnish/Filler	●
Coating	Close	Plastic	●
Backing	E-paper	Glass/Stone	●

Advantages: Hard and sharp silicon carbide grain for hard and tough materials - Resistant high-performance product with a stable E-paper backing for rough, intermediate and finish 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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All sizes and minimum purchasing quantities available on request

Abrasive paper, self-fastening

PS 22 K



Properties		Applications:			
Bonding agent	Resin	Wood	●	Steel	○
Grain	Aluminium oxide	Metals	●		
Coating	Semi-open	Paint/Varnish/Filler	○		
Backing	E-paper	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
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Width x Length in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
70 x 125	60		100	147593	32,80 €	7
70 x 125	80		100	140608	29,80 €	7
70 x 125	100		100	131668	27,80 €	7
70 x 125	120		100	129801	27,80 €	7
70 x 125	150		100	135581	27,80 €	7
70 x 125	180		100	129802	27,80 €	7
80 x 133	40	GL 18	100	149852	50,70 €	7
80 x 133	60	GL 18	100	149853	42,80 €	7
80 x 133	80	GL 18	100	149854	39,10 €	7
80 x 133	100	GL 18	100	149855	36,80 €	7
80 x 133	120	GL 18	100	149857	36,80 €	7
80 x 133	150	GL 18	100	232741	36,80 €	7
80 x 133	180	GL 18	100	232742	36,80 €	7

Recommended prices.



Strips with paper backing, self-fastening

Coated abrasives

►► Continuation of PS 22 K, Abrasive paper, self-fastening

Width x Length in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
80 x 133	220	GL 18	100	206371	37,00 €	7
100 x 115	80		100	103378	35,70 €	7
100 x 115	100		100	103379	33,30 €	7
100 x 115	120		100	103380	33,30 €	7
100 x 115	150		100	103381	33,30 €	7
115 x 115	80		100	82076	33,50 €	7
115 x 115	120		100	81637	30,60 €	7
115 x 115	150		100	94721	30,60 €	7
115 x 230	40	GL 15	100	122331	102,00 €	7
115 x 230	60	GL 15	100	116647	82,40 €	7
115 x 230	80	GL 15	100	116648	73,20 €	7
115 x 230	100	GL 15	100	116649	67,40 €	7
115 x 230	120	GL 15	100	114942	67,40 €	7
115 x 230	150	GL 15	100	111500	67,40 €	7

Abrasive paper, self-fastening

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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Width x Length in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
70 x 125	80		100	155072	25,50 €	7
70 x 125	100		100	151786	24,00 €	7
70 x 125	120		100	151785	24,00 €	7
80 x 133	40	GL 18	100	146974	42,90 €	7
80 x 133	60	GL 18	100	146975	36,80 €	7
80 x 133	80	GL 18	100	146976	33,90 €	7
80 x 133	100	GL 18	100	146977	32,10 €	7
80 x 133	120	GL 18	100	147169	32,10 €	7
93 x 178	40	GL 17	100	146970	55,30 €	7
93 x 178	60	GL 17	100	146971	45,80 €	7
93 x 178	80	GL 17	100	146972	41,30 €	7
93 x 178	100	GL 17	100	146973	38,50 €	7
93 x 178	120	GL 17	100	148046	38,50 €	7
100 x 115	80		100	147101	30,10 €	7
100 x 115	100		100	147102	28,20 €	7
100 x 115	120		100	147103	28,20 €	7

Recommended prices.



Strips with paper backing, self-fastening

Coated abrasives



► Continuation of PS 33 CK, Abrasive paper, self-fastening

Width x Length in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 230	40	GL 15	100	146966	82,70 €	7
115 x 230	60	GL 15	100	146967	67,50 €	7
115 x 230	80	GL 15	100	146968	60,30 €	7
115 x 230	100	GL 15	100	146969	55,90 €	7
115 x 230	120	GL 15	100	147182	55,90 €	7

Abrasive paper, self-fastening

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

From November 1st 2021 the prices increase by

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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
70 x 125	150		100	151784	24,00 €	7
70 x 125	180		100	148228	24,00 €	7
70 x 125	220		100	155500	24,20 €	7
70 x 125	240		100	152381	24,20 €	7
70 x 125	280		100	197133	24,20 €	7
80 x 133	150	GL 18	100	149107	32,10 €	7
80 x 133	180	GL 18	100	147479	32,10 €	7
80 x 133	220	GL 18	100	149819	32,30 €	7
80 x 133	240	GL 18	100	148050	32,30 €	7
80 x 133	320	GL 18	100	149897	32,30 €	7
80 x 133	400	GL 18	100	149899	32,30 €	7
93 x 178	150	GL 17	100	149138	38,50 €	7
93 x 178	180	GL 17	100	148047	38,50 €	7
93 x 178	240	GL 17	100	148048	38,80 €	7
100 x 115	150		100	148658	28,20 €	7
100 x 115	180		100	147104	28,20 €	7
100 x 115	240		100	147105	28,40 €	7
115 x 230	150	GL 15	100	149820	55,90 €	7
115 x 230	180	GL 15	100	147183	55,90 €	7
115 x 230	240	GL 15	100	147184	56,30 €	7
115 x 230	320	GL 15	100	147185	56,30 €	7

Recommended prices.

Strips with film backing, self-fastening

Coated abrasives

Abrasive film, active coated, self fastening

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 and 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

All sizes and minimum purchasing quantities available on request

Abrasive film, self fastening

FP 77 K T-ACT



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 behaviour - 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 completely 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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
80 x 133	240	GL 18	100	353120	50,10 €	7
80 x 133	320	GL 18	100	353119	50,10 €	7
80 x 133	400	GL 18	100	353118	50,10 €	7

Recommended prices.

Strips with paper backing, self-fastening / Abrasive screen

Coated abrasives



Abrasive paper, self-fastening

PS 77 CK T-ACT



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 behaviour - 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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
80 x 133	60	GL 18	100	353113	43,60 €	7
80 x 133	80	GL 18	100	353126	39,80 €	7
80 x 133	100	GL 18	100	353125	37,40 €	7
80 x 133	120	GL 18	100	353124	37,40 €	7
80 x 133	150	GL 18	100	353123	37,40 €	7
80 x 133	180	GL 18	100	353122	37,40 €	7
80 x 133	220	GL 18	100	353121	37,60 €	7

Abrasive screen, self-fastening, waterproof

AN 400



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester screen

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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Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
80 x 133	80	50	337892	67,10 €	7
80 x 133	100	50	337891	61,20 €	7
80 x 133	120	50	337890	61,20 €	7
80 x 133	150	50	337894	61,20 €	7

Recommended prices.



Abrasive screen / Self-fastening support / Hand block

► Continuation of 400, Abrasive screen, self-fastening, waterproof,

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
80 x 133	180	50	337889	61,20 €	7
80 x 133	240	50	337893	61,20 €	7
80 x 133	320	50	337895	61,20 €	7
80 x 133	400	50	337896	61,20 €	7

Self-fastening support

CS 396 Y



Properties

Engaging elements	Mushroom heads
Thickness	1,5 mm
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

All sizes and minimum purchasing quantities available on request

Hand block

HK 100



Advantages: Excellent for flat and slightly convex surfaces - Fatigue-proof hand sanding due to ergonomic form - For strips in 70 x 125 mm - Self-fastening

Width x Length x Height in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
68 x 118 x 40	1	185320	5,96 €	14

Recommended prices.

Sheets with cloth backing

Coated abrasives



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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	30	50	2083	253,00 €	6
230 x 280	40	50	2084	221,00 €	6
230 x 280	50	50	2085	207,00 €	6
230 x 280	60	50	2086	194,00 €	6
230 x 280	80	50	2087	181,00 €	6
230 x 280	100	50	2088	173,00 €	6
230 x 280	120	50	2089	173,00 €	6
230 x 280	150	50	2090	173,00 €	6
230 x 280	180	50	2091	173,00 €	6
230 x 280	220	50	2092	174,00 €	6
230 x 280	240	50	2093	174,00 €	6
230 x 280	280	50	2094	174,00 €	6
230 x 280	320	50	2095	174,00 €	6
230 x 280	360	50	2096	174,00 €	6
230 x 280	400	50	2097	174,00 €	6
230 x 280	500	50	2098	174,00 €	6
230 x 280	600	50	5334	174,00 €	6

Recommended prices.

Sheets with cloth backing

Coated abrasives

Abrasive cloth, blue

KL 371 X



Properties

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

Applications:

Metals	●
NF metals	●

Advantages: Attractively priced universal product for surface hand 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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Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	40	50	2100	136,00 €	6
230 x 280	50	50	2101	127,00 €	6
230 x 280	60	50	2102	120,00 €	6
230 x 280	80	50	2103	112,00 €	6
230 x 280	100	50	2104	108,00 €	6
230 x 280	120	50	2105	108,00 €	6
230 x 280	150	50	2106	108,00 €	6
230 x 280	180	50	2107	108,00 €	6
230 x 280	220	50	2108	109,00 €	6
230 x 280	240	50	2109	109,00 €	6
230 x 280	280	50	119885	109,00 €	6
230 x 280	320	50	119886	109,00 €	6
230 x 280	400	50	119888	109,00 €	6

Recommended prices.

Sheets with cloth backing

Coated abrasives



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: Attractively priced universal product for profile grinding - 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

Width x Length in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
230 x 280	40	50	218047	161,00 €	6
230 x 280	60	50	218050	142,00 €	6
230 x 280	80	50	218051	133,00 €	6
230 x 280	100	50	218052	127,00 €	6
230 x 280	120	50	218053	127,00 €	6
230 x 280	150	50	218054	127,00 €	6
230 x 280	180	50	218055	127,00 €	6
230 x 280	220	50	218056	129,00 €	6
230 x 280	240	50	218057	129,00 €	6
230 x 280	280	50	218058	129,00 €	6
230 x 280	320	50	218059	129,00 €	6
230 x 280	400	50	218061	129,00 €	6
230 x 280	600	50	218063	129,00 €	6

Recommended prices.

Strips with cloth backing

Coated abrasives

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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 280	40	100	73953	121,00 €	6
115 x 280	60	100	74436	107,00 €	6
115 x 280	80	100	72227	101,00 €	6
115 x 280	120	100	72488	96,80 €	6

From November 1st 2021
the prices increase by
+7,9 %

Recommended prices.

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:

Width x Length x Height in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
70 x 100 x 25	60	hard	brown	gray	100	125279	0,75 €	5
70 x 100 x 25	80	hard	brown	gray	100	225165	0,75 €	5
70 x 100 x 25	100	hard	brown	gray	100	125280	0,75 €	5
70 x 100 x 25	120	hard	brown	gray	100	225166	0,75 €	5
70 x 100 x 25	180	hard	brown	gray	100	225167	0,75 €	5
70 x 100 x 25	220	hard	brown	gray	100	225168	0,75 €	5
70 x 100 x 25	280	hard	brown	gray	100	225169	0,75 €	5

Abrasive block, flexible, coated on 4 sides

SK 700 A



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:

Width x Length x Height in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
89 x 125 x 25	60	hard	brown	gray	100	337846	1,20 €	5
89 x 125 x 25	80	hard	brown	gray	100	337847	1,20 €	5
89 x 125 x 25	100	hard	brown	gray	100	337848	1,20 €	5
89 x 125 x 25	120	hard	brown	gray	100	331019	1,20 €	5

Recommended prices.

Abrasive sponge

Abrasive sponge, flexible, coated on 2 sides

SW 501



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 in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
96 x 123 x 12,5	120	soft	brown	yellow	100	125281	0,62 €	5																
96 x 123 x 12,5	220	soft	brown	yellow	100	125282	0,62 €	5																

Abrasive sponge, flexible, coated on 2 sides

SW 501 TR



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
Width x Length x Height in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
96 x 123 x 12,5	100	soft	light brown	yellow	100	351573	0,78 €	5																
96 x 123 x 12,5	120	soft	green	yellow	100	353264	0,78 €	5																
96 x 123 x 12,5	150	soft	red	yellow	100	353263	0,78 €	5																
96 x 123 x 12,5	180	soft	blue	yellow	100	351574	0,78 €	5																
96 x 123 x 12,5	220	soft	brown	yellow	100	353262	0,78 €	5																

Recommended prices.

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 in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
96 x 123 x 12,5	120	soft	black	yellow	100	244377	0,67 €	5																
96 x 123 x 12,5	220	soft	black	yellow	100	244379	0,67 €	5																

Abrasive sponge, flexible, 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
Width x Length x Height in mm	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 140 x 5	100	hard	white	gray	100	303588	0,78 €	5																
115 x 140 x 5	180	hard	white	gray	100	303589	0,78 €	5																
115 x 140 x 5	220	hard	white	gray	100	303590	0,78 €	5																
115 x 140 x 5	320	hard	white	gray	100	337849	0,78 €	5																

Recommended prices.

Discs

Applications guide

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.

GLS 4
 Ø 115 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm

GLS 5
 Ø 125 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm

GLS 27
 Ø 125 mm
 8 holes Ø 10 mm
 on hole circle Ø 90 mm
 + 1 centre hole Ø 10 mm

Shape 0
 no hole
 different dimensions

Shape 10
 round hole
 different dimensions

Shape 30
 star-shaped hole
 different dimensions

GLS 1
 Ø 150 mm
 8 holes Ø 10 mm
 on hole circle Ø 120 mm
 + 1 centre hole Ø 17 mm

GLS 2
 Ø 150 mm
 8 holes Ø 10 mm
 on hole circle Ø 65 mm

GLS 3
 Ø 150 mm
 6 holes Ø 10 mm
 on hole circle Ø 80 mm

GLS 15
 Triangular Ø 96 mm
 6 holes Ø 8 mm
 on hole circle Ø 52 mm

GLS 24
 98 × 148 mm
 7 holes Ø 10 mm

GLS 47
 Ø 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

GLS 51
 Ø 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

GLS 74
 Ø 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

GLS 52
 Ø 225 mm
 10 holes Ø 12 mm
 on hole circle Ø 105 mm

Other hole patterns available on request.

Minimum order quantities for made to order items

Type	Ø [mm]	Minimum order quantities
AN 400	up to 50 mm	5,000 pieces
CS 310 X	up to 90 mm	2,500 pieces
CS 321 X	up to 125 mm	1,000 pieces
CS 411 XK	up to 200 mm	500 pieces
FP 73 WK	up to 400 mm	200 pieces
PS 11 C	up to 600 mm	100 pieces
PS 19 EK	over 600 mm	25 pieces
PS 21 FK		
PS 22 F ACT		
PS 22 K		
PS 33 BK/CK		
PS 61 FK		
PS 73 BWK/CWK		
PS 77 CK		
FP 77 K		

Maximum disc diameter

Ø 670 mm	Ø 770 mm	Ø 1,100 mm
PS 21 FK	PS 61 FK	PS 11 C
PS 22 K		PS 19 EK
		PS 33 BK/CK
		FP 73 WK
		PS 73 BWK/CWK
		AN 400
		CS 411 XK
		CS 310 X
		CS 321 X
		PS 77 CK
		FP 77 K



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

Orbital and delta sanders

Manufacturer	Type	Size in mm	Hole pattern	Manufacturer	Type	Size in mm	Hole pattern
AEG power tools	Delta DSE 260	105 x 105 x 105	GLS 17	Festool	RO 90 DX FEQ-Plus	90	GLS 41
	FS 2 D	98 x 148	GLS 24		DS 400, DTS 400	98 x 148	GLS 24
	EX 400, EXE 400, EX 450, EXE 460-125, EX 125 E, EX 125 ES	125	GLS 5		DX 93	94 x 94 x 94	GLS 16
	EXE 450	convertible to 125	GLS 5		ES 125, ES 125 E, ES 125 E-PLUS, ES 125 PLUS	125	GLS 5
	EXE 450	150	GLS 2 (7)		ES 125 EQ-Plus; ES 125 EQ, ES 125 Q-Plus, ES 125 Q, ETS 125, LEX 2 125/3, LEX 1 125/7, LEX 3 125/3, LEX 3 125/5	125	GLS 27
	EXE 460 - 150, ROS 150 E, EX 150 E	150	GLS 3		RO 125 FEQ-Plus	125	GLS 27
Atlas Copco	EX/E 450	150	GLS 7		ET 2 E	150	GLS 2
	LST 21 R350, LST 22 R350, LST 22 R325, LST 20 R350	90	GLS 41		ET 2 E - Plus, RO 150, RO 150 E, RO 2 E-Plus, LEX 3 150/3, LEX 150, ETS 150/3, ETS 150/5, WTS 150/7 E, WTS 150/7 E-Plus, ETS 150/5 EQ, ETS 150/5 EQ-E, ETS 150/5 EQ-Plus	150	GLS 1
	VS 11 D	98 x 148	GLS 24		Multi-Jetstream (8+8+1)	150	GLS 51
	LST 30 H90-11	115	plain		LHS 225 EQ-Plus	225	GLS 38
	LST 20 R525, LST 20 R550	125	plain	OD 100-2, ODE 100-2	98 x 148	GLS 24	
	LST 21 R525, LST 21 R550, LST 22 R525, LST 22 R550	125	GLS 5	XS 712, XS 713	125	GLS 5	
	TXE 150	convertible to 125	GLS 5	X 1107 VE, XS 1107 VE	150	GLS 3	
	LST 20 R625, LST 20 R650, LST 30 H090-15, LST 30 S090-15	150	plain	ORE 125-2	125	GLS 27	
	R05 150 E, LST 21 R625, LST 21 R650, LST 22 R625, LST 22 R650, LST31 H90-15, LST31 S90-15, LST32 H090-15, LST32 S090-15, LST 22 R625-9, G2438-6.5N Pro, G2438-6.5I Pro, G2438-6.3I Pro, G2438-6.10I Pro, G2438-6.5C Pro, G2438-6.3N Pro, G2438-6.3C Pro, G2438-6.10N Pro, G2438-6.10C Pro, G2438-10 self-fastening 6 Pro, LST 22 R650-9	150	GLS 3	Flex	GE 5, GE 5 R, GE 7, GSE 5 R, WST 700VV, WST 700 VV Plus	225	GLS 52
	TXE 150	150	GLS 7		GE 7	225	GLS 55
Black & Decker	VP510	96 x 96 x 96	GLS 15	GE 7, WST 700 VV Plus	285	GLS 60	
	KA 510	94 x 94 x 94	GLS 15	Hilti	WFE 150, WFE 380, WFE 450 E	150	GLS 3
	KA 165 GT (mouse)		GLS 25		FSV 13 Y, TSV 13 Y, SV 13 YA	125	GLS 5
	KA 230 E		GLS 34	SAY 150 A	150	GLS 3	
	BD190, BD190 E, BD190S, BD190D, XTA90EK, KS 191 EK, KA 198, KA 190, KA 190 E, KA 190 S, KA 198GT, KA220, KA220G, KA191EK	125	GLS 5	HOLZ HER	2445	150	GLS 7 (1)
Bosch	Delta GDA 280 E, Delta PDA 100, PDA 10-92, Delta PDA 120 E, Delta PDA 240 E, PDA 180, PDA 180 E	96 x 96 x 96	GLS 15		CDS 6425, CDS 6420, CDS 6422 E	105	GLS 17
	PEX 11 A, PEX 115, PEX 11 AE	115	GLS 4	CPS 6115-1, 6115 E	115	GLS 4	
	PEX 300 A/AE, GEX 125-150 AVE Professional, PEX 400 AE, PEX 12 A, PEX 12 AE, PEX 125 A-1, PEX 125 AE, PEX 270 A/AE, GEX 125 A, GEX 125 AC, GEX 125-1 AE, PEX 220 A	125	GLS 5	CPS 6125-1, CPS 6125 E, CPS 6125 E SET, HEX 1385 E, HEX 6385 E, 300 EXE	125	GLS 5	
	PEX 15 AE, GEX 150 AE, GEX 150 AC/E, GEX 150 Turbo, PEX 420 AE	150	GLS 3	900 MPS, 900 HEX /2	150	GLS 3	
	DeWalt	ES 55 E, DW423, D26453	125	GLS 5	Mafell	UT 150 E, UX 150 E	150
ES 56 E, ES 56 EK, DW443, D 26410		150	GLS 3	BO 4561, BO 4565		96 x 96 x 96	GLS 15
Einhell	DE-G 200 E	94 x 94 x 94	GLS 15	Makita	BO 5000, BO 5010, BO 5041, BO 5031 K, BO 5021, BO 5021 K, BO 5041 K	125	GLS 5
	EX 115	115	GLS 4		BO 6030, BO 6040 J	150	GLS 1
	EX-G 125 E, BES 125, EX-G 125, BT-RS 420 E, BES 125 E, BRS 380 E	125	GLS 5		DS E 130, DS E 170, DS E 180	96 x 96 x 96	GLS 15
	Fein	LL 107 VEA	115	plain	DSE 300, DSE 300 Intec, DSE 280 INTEC	94 x 94 x 94	GLS 15
MSf 636-1, M 10000-5, XS 712		125	GLS 5	SXE 400	80	GLS 13	
MSf 636-1		150	GLS 26	Metabo	SX E 125, FSX 200 INTEC, SXE 425 TURBOTEC, SX E 425, SXE 325 INTEC	125	GLS 5
MSf 649-2 a/b, M 10000-6		150	GLS 2 (7)		SX E 425 XL, SX E 450 Duo, SXE 450 TURBOTEC,	150	GLS 3
ROT 14-200 E		150	GLS 2	Milwaukee	PDS 13, FS 2 D	98 x 148	GLS 24
X 1107 VE	150	GLS 3	PRS 125 E		125	GLS 5	
Felisatti	ROT 14-200 E	200	GLS 9	ROS 150 E	150	GLS 3	
	TP 521/AS, TP 521/E, TP 522 AS/CE, RGF 150/600 E	150	GLS 3	Peugeot	PAE 115	115	GLS 4
		RO 150 E, LRT 150	150		GLS 3		
Wegoma	LRE 84 H, RTE84H	125	GLS 5	PRX 150 E	150	GLS 3	
	RX 91 C, RT188N, RTE46L, RTE146L	150	GLS 3	ESP 150 E	150	GLS 3	

Please contact Klingspor if you cannot find the machine used by you on this list. We will be pleased to assist you further. If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.

Discs 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	●
Metals	●
Glass/Stone	○
Plastic	○

Advantages: Special product for auto repair and painting - Ideal for hard and tough surfaces - Excellent adaptation of the disc while maintaining high stability - Can be used for wet and 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

the prices increase by

+7,9 %

Recommended prices.

Discs with paper backing, self-fastening

Coated abrasives



Abrasive paper, self-fastening

PS 19 EK



Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper

Applications:

Wood	●
Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	●

Advantages: Hard and sharp silicon carbide grain for hard and tough materials - Resistant high-performance disc with a stable E-paper backing for rough, intermediate and finish 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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115	40	○ 0	50	287798	62,20 €	7
115	60	○ 0	50	300290	51,00 €	7
115	80	○ 0	50	305763	45,80 €	7
115	100	○ 0	50	311087	42,50 €	7
115	120	○ 0	50	300291	42,50 €	7
115	220	○ 0	50	309073	42,80 €	7
115	320	○ 0	50	321743	42,80 €	7
115	400	○ 0	50	321744	42,80 €	7
115	600	○ 0	50	322637	42,80 €	7

Abrasive paper, self-fastening

PS 21 FK



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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115	40	○ 0	50	237224	73,50 €	7
115	60	○ 0	50	248808	59,70 €	7
115	80	○ 0	50	249326	53,20 €	7
115	120	○ 0	50	249327	49,20 €	7

Recommended prices.



Discs with paper backing, self-fastening

Coated abrasives

► Continuation of PS 21 FK, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115	150	○ 0	50	248809	49,20 €	7
115	240	○ 0	50	255347	49,60 €	7
125	40	○ 0	50	246857	83,60 €	7
125	60	○ 0	50	237780	67,50 €	7
125	80	○ 0	50	237781	60,00 €	7
125	120	○ 0	50	237782	55,30 €	7
125	150	○ 0	50	255348	55,30 €	7
125	240	○ 0	50	237785	55,70 €	7
150	40	○ 0	50	230312	112,00 €	7
150	60	○ 0	50	230313	89,80 €	7
150	80	○ 0	50	230314	79,20 €	7
150	120	○ 0	50	246488	72,60 €	7
150	150	○ 0	50	239244	72,60 €	7
150	240	○ 0	50	251509	73,20 €	7

Abrasive paper, self-fastening

PS 22 K



Properties

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

Applications:

Wood	●	Plastic	⓪
Metals	●		
Stainless steel	⓪		
Paint/Varnish/Filler	⓪		

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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
96	40	△ GLS 15	50	142134	51,80 €	7
96	60	△ GLS 15	50	142135	42,40 €	7
96	80	△ GLS 15	50	142136	38,00 €	7
96	100	△ GLS 15	50	145055	35,20 €	7
96	120	△ GLS 15	50	142137	35,20 €	7
96	150	△ GLS 15	50	146336	35,20 €	7
96	180	△ GLS 15	50	142138	35,20 €	7
96	240	△ GLS 15	50	142139	35,50 €	7

Recommended prices.

Discs with paper backing, self-fastening

Coated abrasives



Abrasive paper, self-fastening

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																				
Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group														
115	24	○ 0	50	6754	91,80 €	7														
115	40	○ 0	50	2785	70,60 €	7														
115	60	○ 0	50	2786	57,50 €	7														
115	80	○ 0	50	6756	51,40 €	7														
115	100	○ 0	50	2787	47,50 €	7														
115	120	○ 0	50	6757	47,50 €	7														
115	150	○ 0	50	80046	47,50 €	7														
115	180	○ 0	50	2788	47,50 €	7														
115	220	○ 0	50	88330	47,90 €	7														
115	240	○ 0	50	88333	47,90 €	7														
115	320	○ 0	50	95561	47,90 €	7														
115	400	○ 0	50	111470	47,90 €	7														
115	40	⊗ GLS 4	50	82938	70,60 €	7														
115	60	⊗ GLS 4	50	82940	57,50 €	7														
115	80	⊗ GLS 4	50	82941	51,40 €	7														
115	100	⊗ GLS 4	50	82942	47,50 €	7														
115	120	⊗ GLS 4	50	82944	47,50 €	7														
115	180	⊗ GLS 4	50	82946	47,50 €	7														
115	240	⊗ GLS 4	50	87424	47,90 €	7														
125	24	○ 0	50	7300	105,00 €	7														
125	40	○ 0	50	2294	80,20 €	7														
125	60	○ 0	50	2295	65,00 €	7														
125	80	○ 0	50	6774	57,80 €	7														
125	100	○ 0	50	2296	53,30 €	7														
125	120	○ 0	50	6775	53,30 €	7														
125	150	○ 0	50	78163	53,30 €	7														
125	180	○ 0	50	62107	53,30 €	7														
125	220	○ 0	50	97176	53,70 €	7														
125	240	○ 0	50	91922	53,70 €	7														
125	320	○ 0	50	93284	53,70 €	7														
125	400	○ 0	50	130114	53,70 €	7														
125	24	⊗ GLS 5	50	89485	105,00 €	7														
125	40	⊗ GLS 5	50	89486	80,20 €	7														
125	60	⊗ GLS 5	50	89488	65,00 €	7														

Recommended prices.



Discs with paper backing, self-fastening

Coated abrasives

►► Continuation of PS 22 K, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	80	⊗ GLS 5	50	89489	57,80 €	7
125	100	⊗ GLS 5	50	89491	53,30 €	7
125	120	⊗ GLS 5	50	89493	53,30 €	7
125	150	⊗ GLS 5	50	89494	53,30 €	7
125	180	⊗ GLS 5	50	89495	53,30 €	7
125	220	⊗ GLS 5	50	90758	53,70 €	7
125	240	⊗ GLS 5	50	92753	53,70 €	7
125	320	⊗ GLS 5	50	89496	53,70 €	7
125	400	⊗ GLS 5	50	104778	53,70 €	7
125	40	⊗ GLS 27	50	260795	80,20 €	7
125	60	⊗ GLS 27	50	260796	65,00 €	7
125	80	⊗ GLS 27	50	260797	57,80 €	7
125	100	⊗ GLS 27	50	260798	53,30 €	7
125	120	⊗ GLS 27	50	260799	53,30 €	7
125	150	⊗ GLS 27	50	260800	53,30 €	7
125	180	⊗ GLS 27	50	260801	53,30 €	7
125	240	⊗ GLS 27	50	260802	53,70 €	7
150	24	○ 0	50	2474	142,00 €	7
150	40	○ 0	50	20207	108,00 €	7
150	60	○ 0	50	6649	86,20 €	7
150	80	○ 0	50	6936	76,00 €	7
150	100	○ 0	50	6697	69,70 €	7
150	120	○ 0	50	6937	69,70 €	7
150	150	○ 0	50	71140	69,70 €	7
150	180	○ 0	50	4022	69,70 €	7
150	220	○ 0	50	93324	70,40 €	7
150	240	○ 0	50	91605	70,40 €	7
150	320	○ 0	50	91721	70,40 €	7
150	400	○ 0	50	129092	70,40 €	7
150	24	⊗ GLS 1	50	6516	142,00 €	7
150	40	⊗ GLS 1	50	6520	108,00 €	7
150	60	⊗ GLS 1	50	6523	86,20 €	7
150	80	⊗ GLS 1	50	6524	76,00 €	7
150	100	⊗ GLS 1	50	6525	69,70 €	7
150	120	⊗ GLS 1	50	6526	69,70 €	7
150	150	⊗ GLS 1	50	80722	69,70 €	7
150	180	⊗ GLS 1	50	6611	69,70 €	7
150	220	⊗ GLS 1	50	98990	70,40 €	7
150	240	⊗ GLS 1	50	89451	70,40 €	7
150	320	⊗ GLS 1	50	89450	70,40 €	7
150	400	⊗ GLS 1	50	129389	70,40 €	7
150	40	⊗ GLS 2	50	74088	108,00 €	7
150	60	⊗ GLS 2	50	72633	86,20 €	7
150	80	⊗ GLS 2	50	72632	76,00 €	7
150	100	⊗ GLS 2	50	73490	69,70 €	7
150	120	⊗ GLS 2	50	72628	69,70 €	7
150	150	⊗ GLS 2	50	79862	69,70 €	7
150	180	⊗ GLS 2	50	72624	69,70 €	7
150	240	⊗ GLS 2	50	91814	70,40 €	7
150	24	⊗ GLS 3	50	93321	142,00 €	7
150	40	⊗ GLS 3	50	89181	108,00 €	7

Recommended prices.



Discs with paper backing, self-fastening

Coated abrasives



►► Continuation of PS 22 K, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	60	☉ GLS 3	50	86634	86,20 €	7
150	80	☉ GLS 3	50	86635	76,00 €	7
150	100	☉ GLS 3	50	97072	69,70 €	7
150	120	☉ GLS 3	50	86636	69,70 €	7
150	150	☉ GLS 3	50	86637	69,70 €	7
150	180	☉ GLS 3	50	87528	69,70 €	7
150	220	☉ GLS 3	50	100157	70,40 €	7
150	240	☉ GLS 3	50	97778	70,40 €	7
150	320	☉ GLS 3	50	97779	70,40 €	7
150	400	☉ GLS 3	50	128356	70,40 €	7
150	40	☉ GLS 51	50	306611	108,00 €	7
150	60	☉ GLS 51	50	306612	86,20 €	7
150	80	☉ GLS 51	50	305559	76,00 €	7
150	100	☉ GLS 51	50	306507	69,70 €	7
150	120	☉ GLS 51	50	305560	69,70 €	7
150	150	☉ GLS 51	50	306508	69,70 €	7
150	180	☉ GLS 51	50	306509	69,70 €	7
150	240	☉ GLS 51	50	309471	70,40 €	7
150	40	☉ GLS 74	50	342419	108,00 €	7
150	60	☉ GLS 74	50	342418	86,20 €	7
150	80	☉ GLS 74	50	340766	76,00 €	7
150	100	☉ GLS 74	50	342423	69,70 €	7
150	120	☉ GLS 74	50	342159	69,70 €	7
150	150	☉ GLS 74	50	342422	69,70 €	7
150	180	☉ GLS 74	50	342421	69,70 €	7
150	240	☉ GLS 74	50	340761	70,40 €	7
180	24	○ 0	50	2782	201,00 €	7
180	40	○ 0	50	2476	152,00 €	7
180	60	○ 0	50	2477	121,00 €	7
180	80	○ 0	50	6914	107,00 €	7
180	100	○ 0	50	2783	98,00 €	7
180	120	○ 0	50	6915	98,00 €	7
200	40	○ 0	50	77659	185,00 €	7
200	60	○ 0	50	77660	148,00 €	7
200	80	○ 0	50	77656	130,00 €	7
200	100	○ 0	50	77658	119,00 €	7
200	120	○ 0	50	77661	119,00 €	7

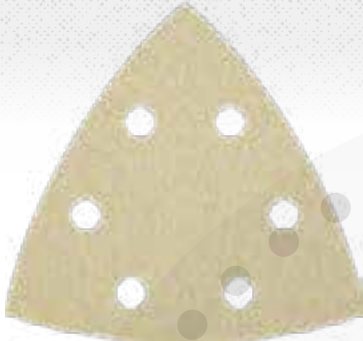
Recommended prices.

Discs with paper backing, self-fastening

Coated abrasives

Abrasive paper, self-fastening

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
96	40	△ GLS 15	100	147163	42,60 €	7
96	60	△ GLS 15	100	147164	35,30 €	7
96	80	△ GLS 15	100	147165	31,80 €	7
96	100	△ GLS 15	100	147166	29,70 €	7
96	120	△ GLS 15	100	148195	29,70 €	7

Abrasive paper, self-fastening

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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
98 x 148	60	△ GLS 24	100	215473	33,20 €	7
98 x 148	80	△ GLS 24	100	215474	29,20 €	7
98 x 148	100	△ GLS 24	100	215475	26,80 €	7
98 x 148	120	△ GLS 24	100	215476	26,80 €	7

Recommended prices.

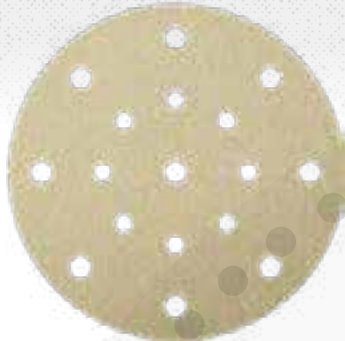
Discs with paper backing, self-fastening

Coated abrasives



Abrasive paper, self-fastening

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115	40	○ 0	100	147701	57,70 €	7
115	60	○ 0	100	148469	47,50 €	7
115	80	○ 0	100	147144	42,80 €	7
115	120	○ 0	100	146955	39,80 €	7
125	40	○ 0	100	154113	65,20 €	7
125	60	○ 0	100	147604	53,30 €	7
125	80	○ 0	100	149055	47,80 €	7
125	100	○ 0	100	150431	44,30 €	7
125	120	○ 0	100	150433	44,30 €	7
125	40	⊗ GLS 5	100	146954	65,20 €	7
125	60	⊗ GLS 5	100	147642	53,30 €	7
125	80	⊗ GLS 5	100	147643	47,80 €	7
125	100	⊗ GLS 5	100	147977	44,30 €	7
125	120	⊗ GLS 5	100	147170	44,30 €	7
150	40	○ 0	100	147922	86,50 €	7
150	60	○ 0	100	147107	69,80 €	7
150	80	○ 0	100	146739	61,90 €	7
150	100	○ 0	100	147106	57,00 €	7
150	120	○ 0	100	146740	57,00 €	7
150	40	⊗ GLS 1	100	146978	86,50 €	7
150	60	⊗ GLS 1	100	146979	69,80 €	7
150	80	⊗ GLS 1	100	143130	61,90 €	7
150	100	⊗ GLS 1	100	143131	57,00 €	7
150	120	⊗ GLS 1	100	147093	57,00 €	7
150	60	⊗ GLS 2	100	147226	69,80 €	7
150	80	⊗ GLS 2	100	143132	61,90 €	7
150	100	⊗ GLS 2	100	143133	57,00 €	7
150	120	⊗ GLS 2	100	147225	57,00 €	7
150	40	⊗ GLS 3	100	147647	86,50 €	7
150	60	⊗ GLS 3	100	147124	69,80 €	7
150	80	⊗ GLS 3	100	146946	61,90 €	7
150	100	⊗ GLS 3	100	143694	57,00 €	7
150	120	⊗ GLS 3	100	146947	57,00 €	7
150	40	⊗ GLS 51	100	310531	86,50 €	7

Recommended prices.



Discs with paper backing, self-fastening

Coated abrasives

►► Continuation of PS 33 CK, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	60	⊗ GLS 51	100	301874	69,80 €	7
150	80	⊗ GLS 51	100	301925	61,90 €	7
150	100	⊗ GLS 51	100	301926	57,00 €	7
150	120	⊗ GLS 51	100	301927	57,00 €	7
150	40	⊗ GLS 74	100	340853	86,50 €	7
150	60	⊗ GLS 74	100	340370	69,80 €	7
150	80	⊗ GLS 74	100	340371	61,90 €	7
150	100	⊗ GLS 74	100	342046	57,00 €	7
150	120	⊗ GLS 74	100	340375	57,00 €	7
225	40	○ 0	50	223162	180,00 €	7
225	60	○ 0	50	210124	144,00 €	7
225	80	○ 0	50	210129	127,00 €	7
225	100	○ 0	50	224731	117,00 €	7
225	120	○ 0	50	210130	117,00 €	7
225	40	⊗ GLS 52	50	302042	180,00 €	7
225	60	⊗ GLS 52	50	302043	144,00 €	7
225	80	⊗ GLS 52	50	302044	127,00 €	7
225	100	⊗ GLS 52	50	302045	117,00 €	7
225	120	⊗ GLS 52	50	302046	117,00 €	7

Abrasive paper, self-fastening

PS 33 BK

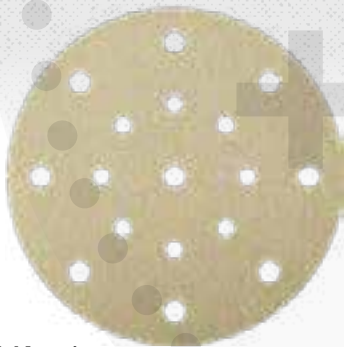


Properties

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	150	⊗ GLS 5	100	150760	44,30 €	7
125	180	⊗ GLS 5	100	147837	44,30 €	7
125	240	⊗ GLS 5	100	147838	44,60 €	7
150	150	○ 0	100	148375	57,00 €	7
150	180	○ 0	100	146958	57,00 €	7
150	220	○ 0	100	149916	57,50 €	7
150	240	○ 0	100	146959	57,50 €	7
150	320	○ 0	100	146716	57,50 €	7
150	400	○ 0	100	147108	57,50 €	7
150	150	⊗ GLS 1	100	148379	57,00 €	7
150	180	⊗ GLS 1	100	147095	57,00 €	7

Recommended prices.



Discs with paper backing, self-fastening

Coated abrasives

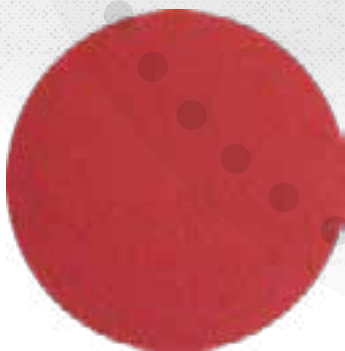


►► Continuation of PS 33 BK, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	220	⊙ GLS 1	100	149794	57,50 €	7
150	240	⊙ GLS 1	100	147094	57,50 €	7
150	320	⊙ GLS 1	100	147096	57,50 €	7
150	400	⊙ GLS 1	100	147097	57,50 €	7
150	150	⊙ GLS 2	100	148377	57,00 €	7
150	180	⊙ GLS 2	100	147224	57,00 €	7
150	240	⊙ GLS 2	100	147280	57,50 €	7
150	150	⊙ GLS 3	100	149151	57,00 €	7
150	180	⊙ GLS 3	100	146948	57,00 €	7
150	220	⊙ GLS 3	100	149255	57,50 €	7
150	240	⊙ GLS 3	100	146907	57,50 €	7
150	320	⊙ GLS 3	100	147126	57,50 €	7
150	400	⊙ GLS 3	100	147125	57,50 €	7
150	150	⊙ GLS 51	100	301928	57,00 €	7
150	180	⊙ GLS 51	100	304084	57,00 €	7
150	220	⊙ GLS 51	100	301929	57,50 €	7
150	240	⊙ GLS 51	100	304815	57,50 €	7
150	320	⊙ GLS 51	100	301930	57,50 €	7
150	400	⊙ GLS 51	100	310898	57,50 €	7
150	150	⊙ GLS 74	100	342045	57,00 €	7
150	180	⊙ GLS 74	100	340598	57,00 €	7
150	220	⊙ GLS 74	100	342044	57,50 €	7
150	240	⊙ GLS 74	100	340599	57,50 €	7
150	320	⊙ GLS 74	100	342043	57,50 €	7
150	400	⊙ GLS 74	100	342042	57,50 €	7
225	220	⊙ GLS 52	50	302049	118,00 €	7

Abrasive paper, self-fastening

PS 61 FK



Properties

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

Applications:

Stainless steel	●
Steel	●
Wood	⓪

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	60	○ 0	50	322468	80,80 €	7
125	80	○ 0	50	321597	71,40 €	7
125	120	○ 0	50	322469	65,50 €	7
125	150	○ 0	50	322470	65,50 €	7

Recommended prices.



Discs with paper / film backing, self-fastening

Coated abrasives

► Continuation of PS 61 FK, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	180	○ 0	50	322471	65,50 €	7
150	60	○ 0	50	322036	108,00 €	7
150	80	○ 0	50	321325	95,20 €	7
150	120	○ 0	50	322472	87,00 €	7
150	180	○ 0	50	321797	87,00 €	7

Abrasive film, active coated, self fastening

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	80	⊗ GLS 47	100	320641	82,00 €	7
150	100	⊗ GLS 47	100	320642	75,10 €	7
150	120	⊗ GLS 47	100	320643	75,10 €	7
150	150	⊗ GLS 47	100	320644	75,10 €	7
150	180	⊗ GLS 47	100	320725	75,10 €	7
150	240	⊗ GLS 47	100	320726	75,80 €	7
150	320	⊗ GLS 47	100	320727	75,80 €	7
150	400	⊗ GLS 47	100	320728	75,80 €	7
150	600	⊗ GLS 47	100	320729	75,80 €	7
150	800	⊗ GLS 47	100	320730	75,80 €	7
150	1000	⊗ GLS 47	100	320731	75,80 €	7
150	1200	⊗ GLS 47	100	320732	75,80 €	7
150	1500	⊗ GLS 47	100	320733	75,80 €	7

Recommended prices.

Discs with paper backing, self-fastening

Coated abrasives



Abrasive paper, actively coated,
self-fastening

PS 73 CWK



Properties

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

Applications:

Paint/Varnish/Filler	●
Plastic	⓪

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																			
Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group													
150	40	○ 0	100	301231	94,60 €	7													
150	60	○ 0	100	301232	76,10 €	7													
150	80	○ 0	100	301233	67,40 €	7													
150	100	○ 0	100	301234	61,90 €	7													
150	120	○ 0	100	301235	61,90 €	7													
150	40	⊗ GLS 1	100	301205	94,60 €	7													
150	60	⊗ GLS 1	100	301206	76,10 €	7													
150	80	⊗ GLS 1	100	301207	67,40 €	7													
150	120	⊗ GLS 1	100	301209	61,90 €	7													
150	40	⊗ GLS 3	100	301218	94,60 €	7													
150	60	⊗ GLS 3	100	301219	76,10 €	7													
150	80	⊗ GLS 3	100	301220	67,40 €	7													
150	100	⊗ GLS 3	100	301221	61,90 €	7													
150	120	⊗ GLS 3	100	301222	61,90 €	7													
150	40	⊗ GLS 47	100	301810	94,60 €	7													
150	60	⊗ GLS 47	100	301811	76,10 €	7													
150	80	⊗ GLS 47	100	301812	67,40 €	7													
150	100	⊗ GLS 47	100	301813	61,90 €	7													
150	120	⊗ GLS 47	100	301814	61,90 €	7													
150	80	⊗ GLS 51	100	310524	67,40 €	7													
150	120	⊗ GLS 51	100	310478	61,90 €	7													

Recommended prices.

Discs with paper backing, self-fastening

Coated abrasives

Abrasive paper, actively coated,
self-fastening

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																			
Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group													
150	150	○ 0	100	301236	61,90 €	7													
150	180	○ 0	100	301237	61,90 €	7													
150	220	○ 0	100	301238	62,40 €	7													
150	240	○ 0	100	301239	62,40 €	7													
150	320	○ 0	100	301240	62,40 €	7													
150	400	○ 0	100	301241	62,40 €	7													
150	500	○ 0	100	301937	62,40 €	7													
150	800	○ 0	100	301886	62,40 €	7													
150	1000	○ 0	100	301891	62,40 €	7													
150	150	⊗ GLS 1	100	301210	61,90 €	7													
150	180	⊗ GLS 1	100	301211	61,90 €	7													
150	240	⊗ GLS 1	100	301213	62,40 €	7													
150	320	⊗ GLS 1	100	301214	62,40 €	7													
150	400	⊗ GLS 1	100	301215	62,40 €	7													
150	500	⊗ GLS 1	100	301216	62,40 €	7													
150	600	⊗ GLS 1	100	301217	62,40 €	7													
150	800	⊗ GLS 1	100	301890	62,40 €	7													
150	150	⊗ GLS 3	100	301223	61,90 €	7													
150	180	⊗ GLS 3	100	301224	61,90 €	7													
150	220	⊗ GLS 3	100	301225	62,40 €	7													
150	240	⊗ GLS 3	100	301226	62,40 €	7													
150	320	⊗ GLS 3	100	301227	62,40 €	7													
150	400	⊗ GLS 3	100	301228	62,40 €	7													
150	500	⊗ GLS 3	100	301229	62,40 €	7													
150	600	⊗ GLS 3	100	301230	62,40 €	7													
150	800	⊗ GLS 3	100	301889	62,40 €	7													
150	150	⊗ GLS 47	100	301855	61,90 €	7													
150	180	⊗ GLS 47	100	301856	61,90 €	7													
150	220	⊗ GLS 47	100	301857	62,40 €	7													
150	240	⊗ GLS 47	100	301858	62,40 €	7													
150	320	⊗ GLS 47	100	301859	62,40 €	7													
150	400	⊗ GLS 47	100	301860	62,40 €	7													
150	500	⊗ GLS 47	100	301861	62,40 €	7													
150	600	⊗ GLS 47	100	301862	62,40 €	7													

Recommended prices.



Discs with paper / film backing, self-fastening

Coated abrasives



►► Continuation of PS 73 BWK, Abrasive paper, actively coated, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	180	⊗ GLS 51	100	310525	61,90 €	7
150	220	⊗ GLS 51	100	310526	62,40 €	7
150	240	⊗ GLS 51	100	309093	62,40 €	7
150	320	⊗ GLS 51	100	309094	62,40 €	7
150	400	⊗ GLS 51	100	310527	62,40 €	7

Abrasive film, self fastening

FP 77 K T-ACT



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 behaviour - 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 completely 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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	240	○ 0	100	353177	65,80 €	7
125	320	○ 0	100	353175	65,80 €	7
125	400	○ 0	100	353174	65,80 €	7
125	500	○ 0	100	353173	65,80 €	7
125	600	○ 0	100	353172	65,80 €	7
125	240	⊗ GLS 27	100	353168	65,80 €	7
125	320	⊗ GLS 27	100	353166	65,80 €	7
125	400	⊗ GLS 27	100	353165	65,80 €	7
125	500	⊗ GLS 27	100	353164	65,80 €	7
125	600	⊗ GLS 27	100	353163	65,80 €	7
125	240	⊗ GLS 5	100	353162	65,80 €	7
125	280	⊗ GLS 5	100	353161	65,80 €	7
125	320	⊗ GLS 5	100	353169	65,80 €	7
125	400	⊗ GLS 5	100	353160	65,80 €	7
125	500	⊗ GLS 5	100	353159	65,80 €	7
125	600	⊗ GLS 5	100	353158	65,80 €	7
150	240	○ 0	100	353157	87,30 €	7
150	320	○ 0	100	353156	87,30 €	7
150	400	○ 0	100	353155	87,30 €	7
150	600	○ 0	100	353153	87,30 €	7
150	240	⊗ GLS 1	100	353152	87,30 €	7
150	320	⊗ GLS 1	100	353151	87,30 €	7
150	400	⊗ GLS 1	100	353150	87,30 €	7
150	500	⊗ GLS 1	100	353149	87,30 €	7
150	600	⊗ GLS 1	100	353148	87,30 €	7

Recommended prices.



Discs with paper / film backing, self-fastening

Coated abrasives

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

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	800	⊙ GLS 1	100	353147	87,30 €	7
150	240	⊙ GLS 3	100	353146	87,30 €	7
150	320	⊙ GLS 3	100	353145	87,30 €	7
150	400	⊙ GLS 3	100	353144	87,30 €	7
150	500	⊙ GLS 3	100	353143	87,30 €	7
150	600	⊙ GLS 3	100	353142	87,30 €	7
150	240	⊙ GLS 47	100	353141	87,30 €	7
150	320	⊙ GLS 47	100	353138	87,30 €	7
150	360	⊙ GLS 47	100	353137	87,30 €	7
150	400	⊙ GLS 47	100	353136	87,30 €	7
150	500	⊙ GLS 47	100	353135	87,30 €	7
150	600	⊙ GLS 47	100	353140	87,30 €	7
150	800	⊙ GLS 47	100	353134	87,30 €	7
150	1000	⊙ GLS 47	100	353133	87,30 €	7
150	1200	⊙ GLS 47	100	353132	87,30 €	7
150	1500	⊙ GLS 47	100	353131	87,30 €	7
150	2000	⊙ GLS 47	100	353130	87,30 €	7
150	240	⊙ GLS 51	100	353129	87,30 €	7
150	320	⊙ GLS 51	100	353128	87,30 €	7
150	400	⊙ GLS 51	100	353127	87,30 €	7

the prices increase by

Abrasive paper, self-fastening

PS 77 CK T-ACT



Properties

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

Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	⓪
Filler	●		
Gel coats	●		



Advantages: New high-performance disc with optimized clogging behaviour - 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 in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
98 x 148	60	⊙ GLS 24	100	353117	42,40 €	7
98 x 148	80	⊙ GLS 24	100	353116	37,20 €	7
98 x 148	100	⊙ GLS 24	100	353115	34,00 €	7
98 x 148	120	⊙ GLS 24	100	353114	34,00 €	7
98 x 148	180	⊙ GLS 24	100	353112	34,00 €	7

Recommended prices.

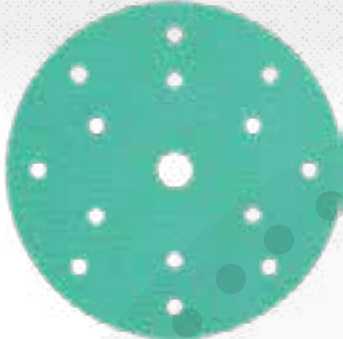
Discs with paper backing, self-fastening

Coated abrasives



Abrasive paper, self-fastening

PS 77 CK T-ACT



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 behaviour - 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:

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	60	○ 0	100	353219	66,50 €	7
125	80	○ 0	100	353224	59,10 €	7
125	100	○ 0	100	353221	54,50 €	7
125	120	○ 0	100	353223	54,50 €	7
125	150	○ 0	100	353225	54,50 €	7
125	180	○ 0	100	353222	54,50 €	7
125	220	○ 0	100	353218	55,00 €	7
125	60	⊗ GLS 27	100	353220	66,50 €	7
125	80	⊗ GLS 27	100	353235	59,10 €	7
125	100	⊗ GLS 27	100	353234	54,50 €	7
125	120	⊗ GLS 27	100	353233	54,50 €	7
125	150	⊗ GLS 27	100	353232	54,50 €	7
125	180	⊗ GLS 27	100	353231	54,50 €	7
125	220	⊗ GLS 27	100	353211	55,00 €	7
125	60	⊗ GLS 5	100	353217	66,50 €	7
125	80	⊗ GLS 5	100	353216	59,10 €	7
125	100	⊗ GLS 5	100	353215	54,50 €	7
125	120	⊗ GLS 5	100	353214	54,50 €	7
125	150	⊗ GLS 5	100	353213	54,50 €	7
125	180	⊗ GLS 5	100	353212	54,50 €	7
125	220	⊗ GLS 5	100	353209	55,00 €	7
150	60	○ 0	100	353208	88,30 €	7
150	80	○ 0	100	353207	77,90 €	7
150	100	○ 0	100	353210	71,40 €	7
150	120	○ 0	100	353206	71,40 €	7
150	150	○ 0	100	353205	71,40 €	7
150	180	○ 0	100	353204	71,40 €	7
150	220	○ 0	100	353203	72,10 €	7
150	60	⊗ GLS 1	100	353202	88,30 €	7
150	80	⊗ GLS 1	100	353201	77,90 €	7
150	100	⊗ GLS 1	100	353200	71,40 €	7
150	120	⊗ GLS 1	100	353199	71,40 €	7
150	150	⊗ GLS 1	100	353198	71,40 €	7
150	180	⊗ GLS 1	100	353197	71,40 €	7

Recommended prices.



Discs with paper backing, self-fastening / Abrasive screen

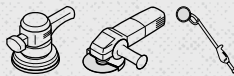
Coated abrasives

►► Continuation of PS 77 CK T-ACT, Abrasive paper, self-fastening

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	220	⊗ GLS 1	100	353196	72,10 €	7
150	60	⊗ GLS 3	100	353195	88,30 €	7
150	80	⊗ GLS 3	100	353194	77,90 €	7
150	100	⊗ GLS 3	100	353193	71,40 €	7
150	120	⊗ GLS 3	100	353192	71,40 €	7
150	150	⊗ GLS 3	100	353191	71,40 €	7
150	180	⊗ GLS 3	100	353190	71,40 €	7
150	220	⊗ GLS 3	100	353189	72,10 €	7
150	60	⊗ GLS 47	100	353188	88,30 €	7
150	80	⊗ GLS 47	100	353187	77,90 €	7
150	100	⊗ GLS 47	100	353186	71,40 €	7
150	120	⊗ GLS 47	100	353185	71,40 €	7
150	150	⊗ GLS 47	100	353182	71,40 €	7
150	180	⊗ GLS 47	100	353181	71,40 €	7
150	220	⊗ GLS 47	100	353180	72,10 €	7
150	80	⊗ GLS 51	100	353184	77,90 €	7
150	100	⊗ GLS 51	100	353179	71,40 €	7
150	120	⊗ GLS 51	100	353183	71,40 €	7
150	180	⊗ GLS 51	100	353178	71,40 €	7

Abrasive screen, self-fastening, waterproof

AN 400

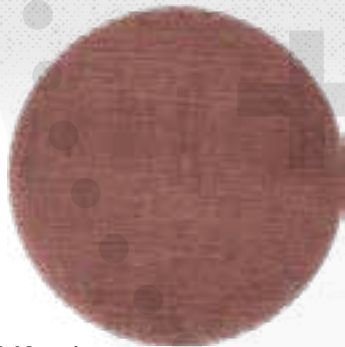


Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester screen

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

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	80	50	337898	84,60 €	7
125	100	50	337899	76,80 €	7
125	120	50	337900	76,80 €	7
125	150	50	337901	76,80 €	7
125	180	50	337905	76,80 €	7
125	240	50	337904	76,80 €	7
125	320	50	337903	76,80 €	7
125	400	50	337902	76,80 €	7
150	80	50	337886	116,00 €	7
150	100	50	337887	105,00 €	7
150	120	50	337885	105,00 €	7

Recommended prices.



Abrasive screen / Protection Pad



►► Continuation of AN 400, Abrasive screen, self-fastening, waterproof

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
150	150	50	337884	105,00 €	7
150	180	50	337883	105,00 €	7
150	240	50	337888	105,00 €	7
150	320	50	337876	105,00 €	7
150	400	50	337877	105,00 €	7
225	80	25	337871	248,00 €	7
225	100	25	337875	224,00 €	7
225	120	25	337873	224,00 €	7
225	150	25	337874	224,00 €	7
225	180	25	337872	224,00 €	7
225	240	25	337878	224,00 €	7

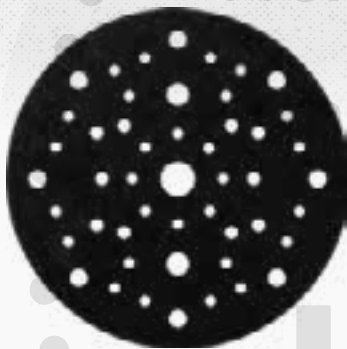
Protection pad, self-fastening

PP 555



NEW !

From November 1st 2021



Advantages: Improvement of adhesion and protection of the backing pad on random orbital sanders

+7,9%

Diameter in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150	Random orbital sander	2	358148	4,25 €	14

Recommended prices.

Disc with foam material, self-fastening / Backing pads

Grinding disc with foam material,
self-fastening

FD 500



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:

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
125	1000	○ 0	10	342291	268,00 €	7
125	1500	○ 0	10	342290	268,00 €	7
125	2000	○ 0	10	342289	268,00 €	7
125	3000	○ 0	10	342288	268,00 €	7
150	1000	○ 0	10	342294	372,00 €	7
150	1500	○ 0	10	342293	372,00 €	7
150	2000	○ 0	10	342295	372,00 €	7
150	3000	○ 0	10	342292	372,00 €	7

Multihole backing pad for random orbital sanders

HST 555



Advantages: Very good adhesion for all velour-coated discs due to fine, heat resistant self-fastening coating - For all standard hole patterns, also for netlike and diverse multihole patterns - Compatible with all standard orbital sanders

Diameter in mm	Adaptor	Thread/Shaft	Density	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150	Festool adaptor	thread M8/ 5/16"	soft	10200 rpm	1	320488	43,45 €	14
150	Festool adaptor	thread M8/ 5/16"	medium	10200 rpm	1	320489	43,45 €	14
150	Festool adaptor	thread M8/ 5/16"	hard	10200 rpm	1	320587	43,45 €	14

Recommended prices.

Multihole backing pad for random orbital sanders

HST 555 A



Advantages: Very good adhesion for all velour-coated discs due to fine, heat resistant self-fastening coating - For all standard hole patterns, also for netlike and diverse multihole patterns - Self-fastening backing pad compatible with BOSCH GEX-150 series

Diameter in mm	Adaptor	Thread/Shaft	Density	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150	Bosch adaptor	thread M8	medium	10200 rpm	1	320490	32,66 €	14

From November 1st 2021

the prices increase by

+7,9 %

Recommended prices.

Discs with cloth backing, self-fastening

Coated abrasives

Abrasive cloth, self-fastening

CS 411 XK



Properties

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

Applications:

Stainless steel	●
Steel	●
Metals	●
Wood	●

Advantages: Aggressive abrasive behaviour 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:

Diameter in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115	40	○ 0	50	291979	156,00 €	7
115	60	○ 0	50	278073	136,00 €	7
115	80	○ 0	50	279638	127,00 €	7
125	40	○ 0	50	291980	179,00 €	7
125	60	○ 0	50	182412	157,00 €	7
125	80	○ 0	50	238954	146,00 €	7
150	40	○ 0	50	301271	247,00 €	7
150	60	○ 0	50	64647	215,00 €	7
150	80	○ 0	50	285565	200,00 €	7

From November 1st 2021 the prices increase by +7,9%

Recommended prices.

Backing pad for self-fastening discs

HST 359



Advantages: Good adhesion for all velour-coated abrasive discs - For medium-duty rough grinding and polishing

Diameter in mm	Thread/Shaft	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115	thread M10	1	70432	6,67 €	14
115	thread M14	1	70433	6,67 €	14
115	8 mm	1	6874	5,28 €	14
125	thread M14	1	70434	6,92 €	14
125	8 mm	1	70435	5,33 €	14
150	thread M14	1	70436	10,26 €	14
180	thread M14	1	73066	13,97 €	14

Self-fastening support

CS 396 Y



Properties

Engaging elements	Mushroom heads
Thickness	1,5 mm
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

All sizes and minimum purchasing quantities available on request



From November 1st 2021

the prices increase by

+700%

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 a fast and safe tool change.

Applications

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





Advantages

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

From November 1st 2021

the prices increase by

+7,9%

Coated abrasive	Type	Grain	Coating	Characteristics	Page
	QMC/QRC 412	Aluminium oxide	●	The versatile disc for coarse and intermediate grinding on metal	166, 170
	QMC/QRC 411	Zirconia alumina	●	High stock removal rate for rough grinding and deburring of stainless steel and steel	167, 170
	QMC/QRC 409	Zirconia alumina	●	Extremely high stock removal rate and long service life for stainless steel and high alloy steels with multibond for cool grinding	167, 171
	QMC/QRC 910	Ceramic aluminium oxide	●	Extremely sharp ceramic grain for highest aggressivity and multibond for cool grinding	168, 172

Quick Change Discs

Applications guide

Minimum order quantities for made to order items

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



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

The right choice of the backing pad

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

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

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

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



The system QMC (Quick Metal Connect)

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



The system QRC (Quick Roll Connect)

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



Installation on an angle grinder

The QCA 555 adapter allows you to use the quick change discs on conventional angle grinders with an M14 receiving spindle.

1. Mount the QCA 555 adapter with the M14 thread onto your angle grinder. The lower clamping flange can remain on the machine.
2. Affix the backing pad QMC 555 or QRC 555 with the 1/4" thread on top of the adapter.

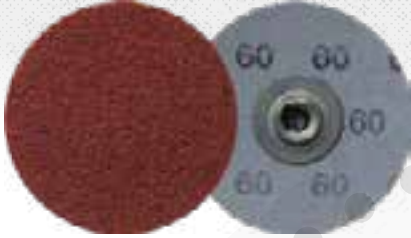
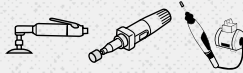


Quick Change Discs

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:

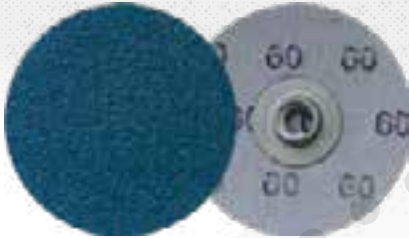
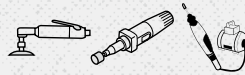
16 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 1000 1200 1500 2000																			
Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group														
38	36	100	295174	89,70 €	6														
38	60	100	295177	84,00 €	6														
38	80	100	295178	80,80 €	6														
38	120	100	295180	80,00 €	6														
50	36	100	295196	96,40 €	6														
50	40	100	295197	93,00 €	6														
50	50	100	295198	91,20 €	6														
50	60	100	295199	90,40 €	6														
50	80	100	295200	86,90 €	6														
50	100	100	295201	86,00 €	6														
50	120	100	295202	86,00 €	6														
50	180	100	295204	86,00 €	6														
50	240	100	295205	86,00 €	6														
50	320	100	295206	86,00 €	6														
76	60	50	295221	136,00 €	6														
76	80	50	295222	130,00 €	6														
76	120	50	295224	129,00 €	6														
76	180	50	295226	129,00 €	6														

Backing pad see page 168 / Adapter see page 173.

Recommended prices.

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:

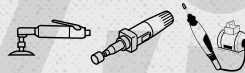
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000
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Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	36	100	295300	103,00 €	6
50	40	100	295301	99,50 €	6
50	60	100	295303	96,70 €	6
50	80	100	295304	93,00 €	6
50	120	100	295305	92,00 €	6
76	36	50	295312	155,00 €	6
76	80	50	295316	139,00 €	6

Backing pad see page 168 / Adapter see page 173.

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

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	60	100	295337	108,00 €	6
50	80	100	295338	104,00 €	6
50	120	100	295339	103,00 €	6

Backing pad see page 168 / Adapter see page 173.

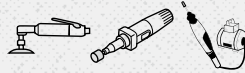
Recommended prices.

Quick Change Discs

Quick Metal Connect / Backing pad

Quick Change Disc

QMC 910



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

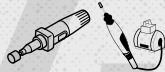
Available grits:

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
38	60	100	295359	109,00 €	6
38	80	100	295360	105,00 €	6
50	36	100	295366	125,00 €	6
50	40	100	295367	121,00 €	6
50	60	100	295369	117,00 €	6
50	80	100	295370	113,00 €	6

Backing pad see page 168 / Adapter see page 173.

Backing pad

QMC 555



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

Diameter x Shaft in mm	Density	Colour	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 6	medium	blue	30000 rpm	1	295422	10,09 €	14
38 x 6	soft	grey	30000 rpm	1	300058	10,49 €	14
38 x 6	medium	blue	30000 rpm	1	295424	10,26 €	14
38 x 6	firm	red	30000 rpm	1	300059	11,41 €	14
50 x 6	soft	grey	30000 rpm	1	300060	11,23 €	14
50 x 6	medium	blue	30000 rpm	1	295426	11,23 €	14

Recommended prices.



Quick Change Discs

Backing pad



►► Continuation of QMC 555, Backing pad

Diameter x Shaft in mm	Density	Colour	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 6	firm	red	30000 rpm	1	295427	12,14 €	14
76 x 6	soft	grey	20000 rpm	1	300061	11,89 €	14
76 x 6	medium	blue	20000 rpm	1	295430	11,89 €	14
76 x 6	firm	red	20000 rpm	1	295431	13,48 €	14

From November 1st 2021

the prices increase by

+7,9 %

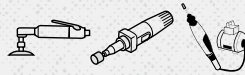
Recommended prices.

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

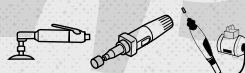
Available grits:

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	36	100	295207	96,40 €	6
50	40	100	295208	93,00 €	6
50	60	100	295210	90,40 €	6
50	80	100	295211	86,90 €	6
50	120	100	295213	86,00 €	6
76	36	50	295229	145,00 €	6
76	60	50	295232	136,00 €	6
76	80	50	295233	130,00 €	6
76	120	50	295235	129,00 €	6

Backing pad see page 173 / Adapter see page 173.

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:

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	36	100	295306	103,00 €	6
50	40	100	295307	99,50 €	6
50	60	100	295309	96,70 €	6
50	80	100	295310	93,00 €	6

Recommended prices.



Quick Change Discs

Quick Roll Connect



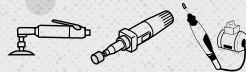
►► Continuation of QRC 411, Quick Change Disc

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	120	100	295311	92,00 €	6
76	36	50	295318	155,00 €	6
76	60	50	295321	145,00 €	6
76	80	50	295322	139,00 €	6

Backing pad see page 173 / Adapter see page 173.

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

Diameter in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	36	100	295340	116,00 €	6
50	60	100	295343	108,00 €	6
50	80	100	295344	104,00 €	6

Backing pad see page 173 / Adapter see page 173.

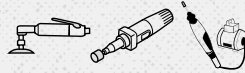
Recommended prices.

Quick Change Discs

Quick Roll Connect

Quick Change Disc

QRC 910



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 in mm	Grit	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	40	100	295372	121,00 €	6
50	60	100	295374	117,00 €	6
50	80	100	295375	113,00 €	6

Backing pad see page 173 / Adapter see page 173.

From November 1st 2021 the prices increase by +7,9%

Recommended prices.

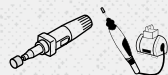
Quick Change Discs

Backing pad / Adapter



Backing pad

QRC 555



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

Diameter x Shaft in mm	Density	Colour	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 6	medium	blue	30000 rpm	1	295423	10,09 €	14
38 x 6	medium	blue	30000 rpm	1	295425	10,26 €	14
50 x 6	medium	blue	30000 rpm	1	295428	11,23 €	14
50 x 6	firm	red	30000 rpm	1	295429	12,14 €	14
76 x 6	medium	blue	20000 rpm	1	295432	11,89 €	14
76 x 6	firm	red	20000 rpm	1	295433	13,48 €	14

Adapter for quick change disc backing pad

QCA 555



Advantages: Quick Change Disc adapter with M14 thread - Allows use of quick change discs on a regular angle grinder

Width x Length in mm	Thread/Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
20 x 30	thread M14	80 m/s	75400 rpm	1	308693	8,57 €	14

Recommended prices.

From November 1st 2021

the prices increase by



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 aluminium 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:



Die grinders



Angle grinders



Flexible shafts



Drilling machines



Floor stand grinders



Satin finishing machine

Minimum order quantities for made to order items

Product	Diameter in mm	Minimum order quantities
SM 611	100–165	20 pieces
SM 611 W/H/S*	200–300	10 pieces
WSM 617*	350–410	4 pieces

* Available dimensions on request

Product	Diameter in mm	Minimum order quantities
FSR 618	165	20 pieces
	200–300	10 pieces
	350–400	4 pieces
MM 650	100–165	20 pieces
	200–300	10 pieces
	>300	4 pieces



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	180	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SM 611 W	181	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SM 611 H	182	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SM 611 S	186	●	●				●																	●	
MM 630	184	●	○		○		○	○			●	●	●	●	●	○	●	●	●	●	●	●	●	●	●
MM 650	182	●	●	○	○	○	○	●		○	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●
WSM 617	185	●	●	●	●	●	●	●	●	●	○	○	●	●	●	●	○	●	●	●	●	●	●	●	●
FSR 618	184	●	○	●	●	●	●	●	●	●	○	○	○	○	○	○	●	●	●	●	●	●	●	●	●

● = main application ○ = possible application

Abrasive mop wheels

Applications guide

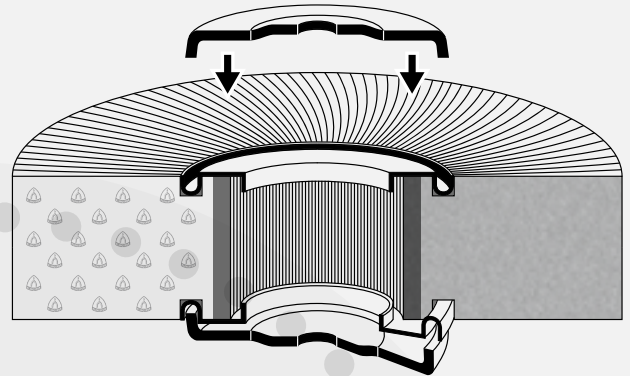
Mounting

Abrasive mop wheels SM 611, MM 650,

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 varieties 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 \varnothing 13 mm 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 \varnothing 25.4 mm mounting bore hole and can be mounted to a machine without the use of a mounting plate.



Abrasive flap drum SM 611 S

These drums come as standard with a 19 mm receiving hole and keyway standard satin finishing machines that are equipped with the corresponding machine spindle.



WSM 617

The WSM 617, an abrasive mop wheel of the second generation with an integrated M14 or $\frac{5}{8}$ " inside thread, can be mounted and released again without the need for any additional tools.

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

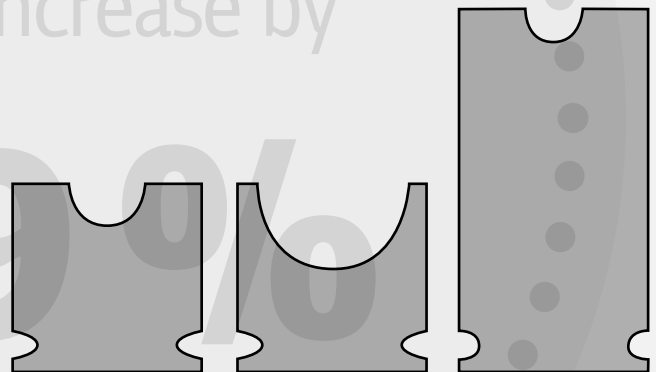
- ▶ long continuous line pattern
- ▶ minimum depression
- ▶ smooth finish

From November 1st 2019
the prices increase by 7.9%

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

Selection of the correct mop diameter

To be able to work at the optimal cutting rate (38-42 m/s) the selection of the abrasive mop diameter for machines, that are not equipped with RPM setting functionality, is based on the set RPM. Machines that are equipped with RPM setting functionality are to be set according to the abrasive mop wheel diameter settings.

Before turning the machine on please check that the pre-set RPM does not exceed the maximum abrasive mop RPM setting.

Please refer to the adjoining table for the correct abrasive mop diameter settings for the optimal RPM range.

If the abrasive mop wheel is used at the optimal RPM setting, the grinding flaps stand up straight as result of the centrifugal forces around the core and provide optimum abrasive mop wheel grinding properties. Only the edges of the grinding flaps are subjected to wear and tear. This results in the use of new and sharper grits. This ensures uniform stock removal and surface finish – from the first to the last workpiece.

Suboptimal RPM settings (too low) result in the incorrect positioning of the grinding flap as a result of tool / grinding pressure. This results in wear and tear on the grit side of the grinding flaps, and the area the abrasive mop wheel grinds is too large, which in turn results in higher friction between the workpiece and the grinding flaps. Consequently the workpiece and abrasive mop wheel are subjected to a higher thermal load and a higher degree of wear and tear on the grinding flaps. Ultimately, this can result in the failure of the abrasive mop wheel and damaged grinding flaps.

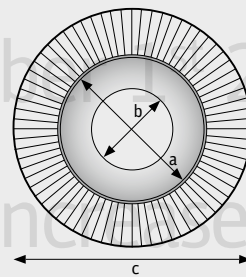
Maximum RPM

Klingspor SM 611 abrasive mop wheels are certified for widths of ≤ 100 mm and maximum revolutions per minute of 50 m/s.

Optimal cutting rate

The abrasive mop wheel's optimum performance range is a cutting rate between 38-42 m/s.

Mop-Ø [mm]	Recommended RPM range [min-1] (38 - 42 m/s)
100	7,300–8,000
140	5,200–5,700
165	4,400–4,800
200	3,650–4,000
250	2,900–3,200
300	2,400–2,650
350	2,100–2,300
380	1,900–2,100
410	1,750–1,950
480	1,500–1,650
510	1,400–1,550



- a Outer diameter side cover
- b Hole side cover
- c Outer diameter mop

Mop side cover and hole relative to the outer mop diameter*

Type	Mop wheel outer Ø [mm]	Metal side cover		Matching clamping flange SMD 612
		Outer Ø [mm]	Hole [mm]	
SM 611	100 - 140	60	21,0	14821
	150 - 165	82	43,1	14823
	200 - 250	125	68,2	14824
	300	158	97,8	14826
	350	198	131,8	14827
	380 - 410	224	151,6	14829
	480 - 510	332	244,5	-
MM 650	250	82	43,1	14823

* applies to standard versions (stock items)

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.

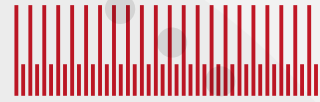
Exception: Starting at a diameter of ≥ 250 mm, a width of ≥ 50 mm, and a grit size of 220 and finer, abrasive mop wheels are manufactured with a packet assembly ratio of 5:1.



5:1



3:1



1:1

From November 1st 2021

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



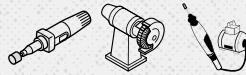
Use ear protectors

Abrasive mop wheels

Abrasive mop

Abrasive mop

SM 611



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:

Diameter x Width x Bore in mm		Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 30 x 21	40	50 m/s	9500 rpm	5	12000	21,05 €	9	
100 x 30 x 21	60	50 m/s	9500 rpm	5	12002	21,05 €	9	
100 x 30 x 21	80	50 m/s	9500 rpm	5	12003	23,91 €	9	
100 x 30 x 21	120	50 m/s	9500 rpm	5	12005	23,91 €	9	
100 x 30 x 21	180	50 m/s	9500 rpm	5	12007	25,50 €	9	
140 x 50 x 21	40	50 m/s	6800 rpm	3	12060	34,17 €	9	
140 x 50 x 21	60	50 m/s	6800 rpm	3	12062	34,17 €	9	
140 x 50 x 21	80	50 m/s	6800 rpm	3	12063	39,62 €	9	
140 x 50 x 21	120	50 m/s	6800 rpm	3	12065	39,75 €	9	
165 x 25 x 43,1	40	50 m/s	5800 rpm	5	12075	28,72 €	9	
165 x 25 x 43,1	60	50 m/s	5800 rpm	5	12077	28,72 €	9	
165 x 25 x 43,1	80	50 m/s	5800 rpm	5	12078	31,37 €	9	
165 x 25 x 43,1	100	50 m/s	5800 rpm	5	12079	31,37 €	9	
165 x 25 x 43,1	120	50 m/s	5800 rpm	5	12080	31,37 €	9	
165 x 25 x 43,1	150	50 m/s	5800 rpm	5	12081	36,83 €	9	
165 x 25 x 43,1	240	50 m/s	5800 rpm	5	12084	40,61 €	9	
165 x 30 x 43,1	40	50 m/s	5800 rpm	5	12090	34,17 €	9	
165 x 30 x 43,1	60	50 m/s	5800 rpm	5	12092	34,17 €	9	
165 x 30 x 43,1	80	50 m/s	5800 rpm	5	12093	37,74 €	9	
165 x 30 x 43,1	120	50 m/s	5800 rpm	5	12095	37,74 €	9	
165 x 30 x 43,1	180	50 m/s	5800 rpm	5	12097	43,49 €	9	
165 x 50 x 43,1	40	50 m/s	5800 rpm	3	12105	43,42 €	9	
165 x 50 x 43,1	50	50 m/s	5800 rpm	3	12106	43,42 €	9	
165 x 50 x 43,1	60	50 m/s	5800 rpm	3	12107	43,42 €	9	
165 x 50 x 43,1	80	50 m/s	5800 rpm	3	12108	51,95 €	9	
165 x 50 x 43,1	100	50 m/s	5800 rpm	3	12109	51,95 €	9	
165 x 50 x 43,1	120	50 m/s	5800 rpm	3	12110	51,95 €	9	
165 x 50 x 43,1	150	50 m/s	5800 rpm	3	12111	59,32 €	9	
165 x 50 x 43,1	180	50 m/s	5800 rpm	3	12112	59,32 €	9	
165 x 50 x 43,1	240	50 m/s	5800 rpm	3	12114	66,44 €	9	
165 x 50 x 43,1	320	50 m/s	5800 rpm	3	12116	66,44 €	9	
200 x 25 x 68,2	120	50 m/s	4800 rpm	5	12140	55,66 €	9	
200 x 50 x 68,2	40	50 m/s	4800 rpm	3	12165	72,44 €	9	
200 x 50 x 68,2	60	50 m/s	4800 rpm	3	12167	72,44 €	9	

Recommended prices.



Abrasive mop wheels

Abrasive mop



►► Continuation of SM 611, Abrasive mop

Diameter x Width x Bore in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
200 x 50 x 68,2	80	50 m/s	4800 rpm	3	12168	87,04 €	9
200 x 50 x 68,2	120	50 m/s	4800 rpm	3	12170	87,04 €	9
250 x 25 x 68,2	60	50 m/s	3800 rpm	2	12197	68,65 €	9
250 x 25 x 68,2	80	50 m/s	3800 rpm	2	12198	87,14 €	9
250 x 25 x 68,2	120	50 m/s	3800 rpm	2	12200	87,14 €	9
250 x 30 x 68,2	60	50 m/s	3800 rpm	2	12212	85,20 €	9
250 x 30 x 68,2	80	50 m/s	3800 rpm	2	12213	101,54 €	9
250 x 30 x 68,2	240	50 m/s	3800 rpm	2	12219	129,35 €	9
250 x 50 x 68,2	40	50 m/s	3800 rpm	1	12225	121,39 €	9
250 x 50 x 68,2	60	50 m/s	3800 rpm	1	12227	121,39 €	9
250 x 50 x 68,2	80	50 m/s	3800 rpm	1	12228	141,84 €	9
250 x 50 x 68,2	120	50 m/s	3800 rpm	1	12230	141,84 €	9
250 x 50 x 68,2	180	50 m/s	3800 rpm	1	12232	164,51 €	9
250 x 50 x 68,2	220	50 m/s	3800 rpm	1	12233	164,51 €	9
250 x 50 x 68,2	240	50 m/s	3800 rpm	1	12234	183,81 €	9
250 x 50 x 68,2	320	50 m/s	3800 rpm	1	12236	183,81 €	9
300 x 50 x 97,8	40	50 m/s	3200 rpm	1	12285	167,91 €	9
300 x 50 x 97,8	80	50 m/s	3200 rpm	1	12288	191,76 €	9
300 x 50 x 97,8	120	50 m/s	3200 rpm	1	12290	191,76 €	9
300 x 50 x 97,8	180	50 m/s	3200 rpm	1	12292	226,93 €	9
300 x 50 x 97,8	240	50 m/s	3200 rpm	1	12294	265,50 €	9
300 x 50 x 97,8	320	50 m/s	3200 rpm	1	12296	265,50 €	9

Use only with mounting plate SMD 612 (page 183)!

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 - Can be used without mounting plate SMD 612

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 Bore in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
165 x 25 x 25,4	40	50 m/s	5800 rpm	5	221597	28,72 €	9
165 x 25 x 25,4	60	50 m/s	5800 rpm	5	221596	28,72 €	9
165 x 25 x 25,4	80	50 m/s	5800 rpm	5	221595	31,37 €	9
165 x 25 x 25,4	120	50 m/s	5800 rpm	5	221593	31,37 €	9
165 x 25 x 25,4	180	50 m/s	5800 rpm	5	221591	36,83 €	9

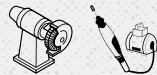
Recommended prices.

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 13 mm for fast mounting - Can be used without mounting plate SMD 612 - Enlargement of the mounting bore is relatively uncomplicated

Available grits:

Diameter x Width x Bore in mm		Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
165 x 25 x 13	40	50 m/s	5800 rpm	5	10030	28,72 €	9	
165 x 25 x 13	60	50 m/s	5800 rpm	5	10005	28,72 €	9	
165 x 25 x 13	80	50 m/s	5800 rpm	5	10004	31,37 €	9	
165 x 25 x 13	120	50 m/s	5800 rpm	5	10006	31,37 €	9	
165 x 25 x 13	240	50 m/s	5800 rpm	5	10027	46,75 €	9	
165 x 50 x 13	40	50 m/s	5800 rpm	3	10022	43,42 €	9	
165 x 50 x 13	60	50 m/s	5800 rpm	3	10017	49,85 €	9	
165 x 50 x 13	80	50 m/s	5800 rpm	3	10018	51,95 €	9	
165 x 50 x 13	120	50 m/s	5800 rpm	3	15990	59,65 €	9	

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:

Diameter x Width x Bore in mm		Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
250 x 50 x 43,1	80	32 m/s	2450 rpm	2	2750	142,44 €	9	
250 x 50 x 43,1	100	32 m/s	2450 rpm	2	2486	142,44 €	9	
250 x 50 x 43,1	120	32 m/s	2450 rpm	2	2485	142,44 €	9	
250 x 50 x 43,1	150	32 m/s	2450 rpm	2	2483	166,94 €	9	

Recommended prices.



Abrasive mop wheels

Abrasive mop



►► Continuation of MM 650, Abrasive mop

Diameter x Width x Bore in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
250 x 50 x 43,1	180	32 m/s	2450 rpm	2	2482	166,94 €	9
250 x 100 x 43,1	80	32 m/s	2450 rpm	1	10210	265,98 €	9
250 x 100 x 43,1	120	32 m/s	2450 rpm	1	2740	265,97 €	9
250 x 100 x 43,1	180	32 m/s	2450 rpm	1	2742	322,75 €	9

Use only with mounting plate SMD 612 (Cat. number 14823)!

Mounting plate

SMD 612



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

From November 1st 2021
the prices increase by

Diameter x Bore in mm	Suitable for	Max. enlargement of bore Ø in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
55 x 10	SM 611 (Ø100+Ø140)	Ø 20 mm	2	14821	3,76 €	14
79 x 12	SM 611/NCW/NFW 600 (Ø150+Ø165) + MM 650 (Ø250)	Ø 40 mm	2	14823	4,43 €	14
121 x 14	SM 611/NCW/NFW 600 (Ø200+Ø250)	Ø 50 mm	2	14824	5,46 €	14
155 x 20	SM 611 (Ø300)	Ø 50 mm	2	14826	7,16 €	14
195 x 25	SM 611 (Ø350)	Ø 80 mm	2	14827	109,60 €	14
221 x 25,4	SM 611 (Ø380+Ø410)	Ø 80 mm	2	14829	114,23 €	14

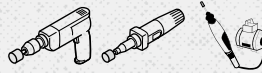
Recommended prices.

Abrasive mop wheels

Abrasive mop

Abrasive mop

MM 630



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

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

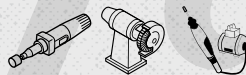
Advantages: Very suitable for workpieces with high profiles due to grinding flaps with longitudinal slots - For use on hand operated machines - Fine surface pattern

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 in mm	Grit	Max. operating speed		Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																		
180 x 25 x 6	80	40 m/s		4200 rpm	2	262630	35,19 €	9																		
180 x 25 x 6	120	40 m/s		4200 rpm	2	262631	35,19 €	9																		
180 x 25 x 6	180	40 m/s		4200 rpm	2	262632	35,19 €	9																		
180 x 50 x 6	80	40 m/s		4200 rpm	2	262634	42,72 €	9																		
180 x 50 x 6	120	40 m/s		4200 rpm	2	262635	42,72 €	9																		
180 x 50 x 6	180	40 m/s		4200 rpm	2	262636	42,72 €	9																		

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 aluminum 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 in mm	Grit	Max. operating speed		Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																		
165 x 14	40	50 m/s		5800 rpm	10	10187	51,07 €	9																		
165 x 14	60	50 m/s		5800 rpm	10	5830	51,07 €	9																		
165 x 14	80	50 m/s		5800 rpm	10	5831	51,07 €	9																		
165 x 14	120	50 m/s		5800 rpm	10	73994	51,07 €	9																		
165 x 14	150	50 m/s		5800 rpm	10	25998	51,07 €	9																		
165 x 14	220	50 m/s		5800 rpm	10	26033	51,07 €	9																		

Recommended prices.

Abrasive mop wheels

Abrasive mop



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																			
Diameter x Width in mm	Grit	Thread/Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group											
115 x 20	40	thread M14	80 m/s	13300 rpm	2	277014	18,91 €	9											
115 x 20	60	thread M14	80 m/s	13300 rpm	2	277015	18,91 €	9											
115 x 20	80	thread M14	80 m/s	13300 rpm	2	277016	20,03 €	9											
115 x 20	120	thread M14	80 m/s	13300 rpm	2	277017	20,03 €	9											
125 x 20	40	thread M14	80 m/s	12200 rpm	2	277018	20,03 €	9											
125 x 20	60	thread M14	80 m/s	12200 rpm	2	277019	20,03 €	9											
125 x 20	80	thread M14	80 m/s	12200 rpm	2	277020	21,25 €	9											
125 x 20	120	thread M14	80 m/s	12200 rpm	2	277021	21,25 €	9											



The all-round abrasive mop wheel for the angle grinder

- Quick and easy mounting
- Multi purpose
- Extremely safe
- Ideal for working on hard-to-reach places

Recommended prices.

Satin finishing drums

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:

Diameter x Width x Bore in mm		Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 50 x 19	40	19 m/s	3700 rpm	3	60868	30,05 €	9	
100 x 50 x 19	60	19 m/s	3700 rpm	3	60899	30,05 €	9	
100 x 50 x 19	80	19 m/s	3700 rpm	3	60943	32,96 €	9	
100 x 50 x 19	120	19 m/s	3700 rpm	3	61045	32,96 €	9	
100 x 100 x 19	40	19 m/s	3700 rpm	1	83167	57,31 €	9	
100 x 100 x 19	60	19 m/s	3700 rpm	1	7325	57,31 €	9	
100 x 100 x 19	80	19 m/s	3700 rpm	1	7326	62,80 €	9	
100 x 100 x 19	120	19 m/s	3700 rpm	1	93076	62,80 €	9	
100 x 100 x 19	180	19 m/s	3700 rpm	1	93021	68,45 €	9	
100 x 100 x 19	240	19 m/s	3700 rpm	1	104999	77,67 €	9	

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %

Small abrasive mops

About the product

The small abrasive mop comprises of grinding flaps coated with aluminium oxide. The fan-shaped abrasive flaps are securely fixed to a central mounting spindle. The grinding flaps' 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.

The small abrasive mop is equipped with the following standard features: a 6 mm or 3 mm fixing spindle and a shaft length of 40 mm.

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

From November 1st 2021

the prices increase by

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>	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●	●	204
<i>KM 615</i>	●	●	●	●	●	●	●	●	●	●			○	○		●	●	●	208
<i>KMT 614</i>	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●	●	209

● = main application ○ = possible application

Minimum order quantities for made to order 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
<i>KMT 614</i>	40–320	250 pieces
	from 360	500 pieces

Small abrasive mops

Applications guide



Application recommendations

- ▶ The small abrasive mop can be used with flexible shaft grinders, die grinders (pneumatic, electric) or drilling machines.
- ▶ The small abrasive mop's optimum performance is achieved at a cutting rate between 20 – 25 m/s. By observing these speeds, the product will perform at its most economical as regards 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 coarser 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 workpiece temperature load
- ▶ can result in tool failure

Surface finish

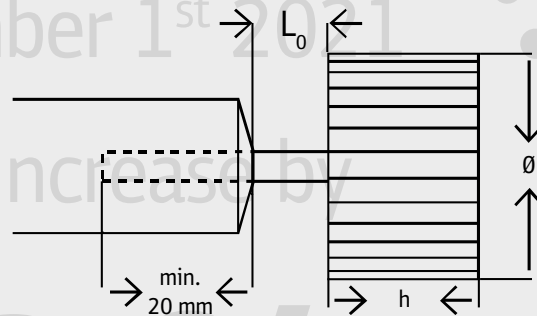
- ▶ The wear of the outer edge of the grinding flaps results in the presentation of new sharp abrasive grain, which results in a uniform surface finish
- ▶ The surface roughness decreases through an increase in the cutting rate
- ▶ An increase in the tool / grinding pressure results in a coarser surface finish
- ▶ 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 h [mm]	Maximum operating speed [m/s]*	RPM [1/min]		
			L ₀ = 0 mm	L ₀ = 10 mm	L ₀ = 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 L₀=0 mm



Tool wear

Tool wear is reduced by working with a lower grinding pressure.

To ensure the optimal and most efficient use of a tool

- ▶ the maximum revolutions per minute may not be exceeded
- ▶ the 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 L₀ (please refer to the table above)

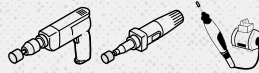
For additional information please refer to the safety information provided with the product.

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:

Diameter x Width x Shaft in mm		Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
10 x 10 x 3	40	40 m/s	76300 rpm	10	327992	3,28 €	9	
10 x 10 x 3	60	40 m/s	76300 rpm	10	327993	3,28 €	9	
10 x 10 x 3	80	40 m/s	76300 rpm	10	327994	3,28 €	9	
10 x 10 x 3	120	40 m/s	76300 rpm	10	327995	3,28 €	9	
10 x 10 x 3	180	40 m/s	76300 rpm	10	327997	3,28 €	9	
10 x 10 x 3	240	40 m/s	76300 rpm	10	327998	3,28 €	9	
10 x 10 x 3	320	40 m/s	76300 rpm	10	327999	3,28 €	9	
20 x 10 x 3	60	40 m/s	38150 rpm	25	325948	2,79 €	9	
20 x 10 x 3	80	40 m/s	38150 rpm	25	305324	2,79 €	9	
20 x 10 x 3	120	40 m/s	38150 rpm	25	307342	2,80 €	9	
20 x 10 x 3	180	40 m/s	38150 rpm	25	305888	2,80 €	9	
20 x 10 x 3	240	40 m/s	38150 rpm	25	307343	2,80 €	9	
20 x 10 x 3	320	40 m/s	38150 rpm	25	307344	2,80 €	9	
20 x 10 x 6	40	40 m/s	38150 rpm	25	284729	2,79 €	9	
20 x 10 x 6	60	40 m/s	38150 rpm	25	284730	2,79 €	9	
20 x 10 x 6	80	40 m/s	38150 rpm	25	284731	2,79 €	9	
20 x 10 x 6	120	40 m/s	38150 rpm	25	284732	2,80 €	9	
20 x 10 x 6	180	40 m/s	38150 rpm	25	284733	2,80 €	9	
20 x 10 x 6	240	40 m/s	38150 rpm	25	284734	2,80 €	9	
20 x 10 x 6	320	40 m/s	38150 rpm	25	284735	2,80 €	9	
20 x 15 x 6	40	40 m/s	38150 rpm	25	284736	2,83 €	9	
20 x 15 x 6	60	40 m/s	38150 rpm	25	284737	2,83 €	9	
20 x 15 x 6	80	40 m/s	38150 rpm	25	284738	2,83 €	9	
20 x 15 x 6	120	40 m/s	38150 rpm	25	284739	2,84 €	9	
20 x 15 x 6	180	40 m/s	38150 rpm	25	284740	2,84 €	9	
20 x 15 x 6	240	40 m/s	38150 rpm	25	284741	2,86 €	9	
20 x 20 x 6	40	40 m/s	38150 rpm	25	284743	2,89 €	9	
20 x 20 x 6	60	40 m/s	38150 rpm	25	284744	2,89 €	9	
20 x 20 x 6	80	40 m/s	38150 rpm	25	284745	2,89 €	9	
20 x 20 x 6	120	40 m/s	38150 rpm	25	284746	2,90 €	9	
20 x 20 x 6	180	40 m/s	38150 rpm	25	284747	2,90 €	9	
20 x 20 x 6	240	40 m/s	38150 rpm	25	284748	2,91 €	9	
20 x 20 x 6	320	40 m/s	38150 rpm	25	284749	2,91 €	9	
25 x 10 x 6	40	40 m/s	30500 rpm	10	253816	2,81 €	9	

Recommended prices.



Small abrasive mop

Abrasive mop



►► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 10 x 6	60	40 m/s	30500 rpm	10	253591	2,81 €	9
25 x 10 x 6	80	40 m/s	30500 rpm	10	253592	2,81 €	9
25 x 10 x 6	120	40 m/s	30500 rpm	10	253593	2,82 €	9
25 x 15 x 6	40	40 m/s	30500 rpm	10	253817	3,00 €	9
25 x 15 x 6	60	40 m/s	30500 rpm	10	250985	3,00 €	9
25 x 15 x 6	80	40 m/s	30500 rpm	10	237496	3,00 €	9
25 x 15 x 6	120	40 m/s	30500 rpm	10	253606	3,01 €	9
25 x 15 x 6	150	40 m/s	30500 rpm	10	253607	3,01 €	9
25 x 15 x 6	240	40 m/s	30500 rpm	10	253608	3,02 €	9
30 x 5 x 3	60	40 m/s	25400 rpm	10	12781	2,82 €	9
30 x 5 x 3	80	40 m/s	25400 rpm	10	12782	2,82 €	9
30 x 5 x 3	120	40 m/s	25400 rpm	10	12784	2,83 €	9
30 x 5 x 6	60	40 m/s	25400 rpm	10	12790	2,82 €	9
30 x 5 x 6	80	40 m/s	25400 rpm	10	12791	2,82 €	9
30 x 5 x 6	120	40 m/s	25400 rpm	10	12793	2,83 €	9
30 x 5 x 6	150	40 m/s	25400 rpm	10	12794	2,83 €	9
30 x 5 x 6	240	40 m/s	25400 rpm	10	12796	2,84 €	9
30 x 10 x 3	60	40 m/s	25400 rpm	10	12808	2,89 €	9
30 x 10 x 3	80	40 m/s	25400 rpm	10	12809	2,89 €	9
30 x 10 x 3	120	40 m/s	25400 rpm	10	12811	2,91 €	9
30 x 10 x 3	240	40 m/s	25400 rpm	10	12814	2,92 €	9
30 x 10 x 6	40	40 m/s	25400 rpm	10	12816	2,89 €	9
30 x 10 x 6	60	40 m/s	25400 rpm	10	12817	2,89 €	9
30 x 10 x 6	80	40 m/s	25400 rpm	10	12818	2,89 €	9
30 x 10 x 6	100	40 m/s	25400 rpm	10	12819	2,91 €	9
30 x 10 x 6	120	40 m/s	25400 rpm	10	12820	2,91 €	9
30 x 10 x 6	150	40 m/s	25400 rpm	10	12821	2,91 €	9
30 x 10 x 6	180	40 m/s	25400 rpm	10	12822	2,91 €	9
30 x 10 x 6	240	40 m/s	25400 rpm	10	12823	2,92 €	9
30 x 10 x 6	320	40 m/s	25400 rpm	10	12824	2,92 €	9
30 x 15 x 6	40	40 m/s	25400 rpm	10	12843	3,18 €	9
30 x 15 x 6	60	40 m/s	25400 rpm	10	12844	3,18 €	9
30 x 15 x 6	80	40 m/s	25400 rpm	10	12845	3,18 €	9
30 x 15 x 6	100	40 m/s	25400 rpm	10	12846	3,19 €	9
30 x 15 x 6	120	40 m/s	25400 rpm	10	12847	3,19 €	9
30 x 15 x 6	150	40 m/s	25400 rpm	10	12848	3,19 €	9
30 x 15 x 6	180	40 m/s	25400 rpm	10	12849	3,19 €	9
30 x 15 x 6	240	40 m/s	25400 rpm	10	12850	3,20 €	9
30 x 15 x 6	320	40 m/s	25400 rpm	10	12851	3,20 €	9
40 x 10 x 6	40	40 m/s	19000 rpm	10	12870	3,18 €	9
40 x 10 x 6	60	40 m/s	19000 rpm	10	12871	3,18 €	9
40 x 10 x 6	80	40 m/s	19000 rpm	10	12872	3,18 €	9
40 x 10 x 6	120	40 m/s	19000 rpm	10	12874	3,19 €	9
40 x 15 x 6	40	40 m/s	19000 rpm	10	12906	3,25 €	9
40 x 15 x 6	60	40 m/s	19000 rpm	10	12907	3,25 €	9
40 x 15 x 6	80	40 m/s	19000 rpm	10	12908	3,25 €	9
40 x 15 x 6	100	40 m/s	19000 rpm	10	12909	3,28 €	9
40 x 15 x 6	120	40 m/s	19000 rpm	10	12910	3,28 €	9
40 x 15 x 6	150	40 m/s	19000 rpm	10	12911	3,28 €	9
40 x 15 x 6	180	40 m/s	19000 rpm	10	12912	3,28 €	9
40 x 15 x 6	240	40 m/s	19000 rpm	10	12913	3,28 €	9

Recommended prices.



Small abrasive mop

Abrasive mop

►► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
40 x 15 x 6	320	40 m/s	19000 rpm	10	12914	3,28 €	9
40 x 20 x 6	40	40 m/s	19000 rpm	10	12942	3,40 €	9
40 x 20 x 6	60	40 m/s	19000 rpm	10	12943	3,40 €	9
40 x 20 x 6	80	40 m/s	19000 rpm	10	12944	3,40 €	9
40 x 20 x 6	100	40 m/s	19000 rpm	10	12945	3,41 €	9
40 x 20 x 6	120	40 m/s	19000 rpm	10	12946	3,41 €	9
40 x 20 x 6	150	40 m/s	19000 rpm	10	12947	3,41 €	9
40 x 20 x 6	180	40 m/s	19000 rpm	10	12948	3,41 €	9
40 x 20 x 6	240	40 m/s	19000 rpm	10	12949	3,43 €	9
40 x 20 x 6	320	40 m/s	19000 rpm	10	12950	3,43 €	9
50 x 5 x 6	60	40 m/s	15200 rpm	10	135235	5,12 €	9
50 x 5 x 6	80	40 m/s	15200 rpm	10	136451	5,12 €	9
50 x 5 x 6	120	40 m/s	15200 rpm	10	251778	5,14 €	9
50 x 10 x 6	40	40 m/s	15200 rpm	10	12960	3,10 €	9
50 x 10 x 6	60	40 m/s	15200 rpm	10	12961	3,10 €	9
50 x 10 x 6	80	40 m/s	15200 rpm	10	12962	3,10 €	9
50 x 10 x 6	120	40 m/s	15200 rpm	10	12964	3,14 €	9
50 x 10 x 6	150	40 m/s	15200 rpm	10	12965	3,14 €	9
50 x 10 x 6	240	40 m/s	15200 rpm	10	12967	3,16 €	9
50 x 15 x 6	40	40 m/s	15200 rpm	10	12978	3,58 €	9
50 x 15 x 6	60	40 m/s	15200 rpm	10	12979	3,58 €	9
50 x 15 x 6	80	40 m/s	15200 rpm	10	12980	3,58 €	9
50 x 15 x 6	120	40 m/s	15200 rpm	10	12982	3,59 €	9
50 x 15 x 6	240	40 m/s	15200 rpm	10	12985	3,62 €	9
50 x 20 x 6	40	40 m/s	15200 rpm	10	12996	3,84 €	9
50 x 20 x 6	60	40 m/s	15200 rpm	10	12997	3,84 €	9
50 x 20 x 6	80	40 m/s	15200 rpm	10	12998	3,84 €	9
50 x 20 x 6	100	40 m/s	15200 rpm	10	12999	3,86 €	9
50 x 20 x 6	120	40 m/s	15200 rpm	10	13000	3,86 €	9
50 x 20 x 6	150	40 m/s	15200 rpm	10	13001	3,86 €	9
50 x 20 x 6	180	40 m/s	15200 rpm	10	13002	3,86 €	9
50 x 20 x 6	240	40 m/s	15200 rpm	10	13003	3,89 €	9
50 x 20 x 6	320	40 m/s	15200 rpm	10	13004	3,89 €	9
50 x 30 x 6	40	40 m/s	15200 rpm	10	61282	4,32 €	9
50 x 30 x 6	60	40 m/s	15200 rpm	10	61299	4,32 €	9
50 x 30 x 6	80	40 m/s	15200 rpm	10	61319	4,32 €	9
50 x 30 x 6	100	40 m/s	15200 rpm	10	61333	4,35 €	9
50 x 30 x 6	120	40 m/s	15200 rpm	10	61350	4,35 €	9
50 x 30 x 6	150	40 m/s	15200 rpm	10	71015	4,35 €	9
50 x 30 x 6	180	40 m/s	15200 rpm	10	61371	4,35 €	9
50 x 30 x 6	240	40 m/s	15200 rpm	10	71017	4,38 €	9
50 x 30 x 6	320	40 m/s	15200 rpm	10	61389	4,38 €	9
60 x 15 x 6	40	40 m/s	12700 rpm	10	13014	3,76 €	9
60 x 15 x 6	60	40 m/s	12700 rpm	10	13015	3,76 €	9
60 x 15 x 6	80	40 m/s	12700 rpm	10	13016	3,76 €	9
60 x 15 x 6	120	40 m/s	12700 rpm	10	13018	3,77 €	9
60 x 15 x 6	150	40 m/s	12700 rpm	10	13019	3,77 €	9
60 x 15 x 6	240	40 m/s	12700 rpm	10	13021	3,79 €	9
60 x 20 x 6	40	40 m/s	12700 rpm	10	13032	4,27 €	9
60 x 20 x 6	60	40 m/s	12700 rpm	10	13033	4,27 €	9
60 x 20 x 6	80	40 m/s	12700 rpm	10	13034	4,27 €	9

Recommended prices.



Small abrasive mop

Abrasive mop



►► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
60 x 20 x 6	120	40 m/s	12700 rpm	10	13036	4,27 €	9
60 x 20 x 6	180	40 m/s	12700 rpm	10	13038	4,27 €	9
60 x 20 x 6	240	40 m/s	12700 rpm	10	13039	4,30 €	9
60 x 30 x 6	40	40 m/s	12700 rpm	10	13050	4,52 €	9
60 x 30 x 6	60	40 m/s	12700 rpm	10	13051	4,52 €	9
60 x 30 x 6	80	40 m/s	12700 rpm	10	13052	4,52 €	9
60 x 30 x 6	100	40 m/s	12700 rpm	10	13053	4,54 €	9
60 x 30 x 6	120	40 m/s	12700 rpm	10	13054	4,54 €	9
60 x 30 x 6	150	40 m/s	12700 rpm	10	13055	4,54 €	9
60 x 30 x 6	180	40 m/s	12700 rpm	10	13056	4,54 €	9
60 x 30 x 6	240	40 m/s	12700 rpm	10	13057	4,55 €	9
60 x 30 x 6	320	40 m/s	12700 rpm	10	13058	4,55 €	9
60 x 40 x 6	40	40 m/s	12700 rpm	10	13068	5,60 €	9
60 x 40 x 6	60	40 m/s	12700 rpm	10	13069	5,60 €	9
60 x 40 x 6	80	40 m/s	12700 rpm	10	13070	5,60 €	9
60 x 40 x 6	100	40 m/s	12700 rpm	10	13071	5,62 €	9
60 x 40 x 6	120	40 m/s	12700 rpm	10	13072	5,62 €	9
60 x 40 x 6	150	40 m/s	12700 rpm	10	13073	5,62 €	9
60 x 40 x 6	240	40 m/s	12700 rpm	10	13075	5,64 €	9
60 x 50 x 6	40	32 m/s	10150 rpm	10	13086	6,38 €	9
60 x 50 x 6	60	32 m/s	10150 rpm	10	13087	6,38 €	9
60 x 50 x 6	80	32 m/s	10150 rpm	10	13088	6,38 €	9
60 x 50 x 6	120	32 m/s	10150 rpm	10	13090	6,45 €	9
60 x 50 x 6	180	32 m/s	10150 rpm	10	13092	6,45 €	9
80 x 15 x 6	40	40 m/s	9500 rpm	10	13104	4,64 €	9
80 x 15 x 6	60	40 m/s	9500 rpm	10	13105	4,64 €	9
80 x 15 x 6	80	40 m/s	9500 rpm	10	13106	4,64 €	9
80 x 15 x 6	120	40 m/s	9500 rpm	10	13108	4,65 €	9
80 x 15 x 6	150	40 m/s	9500 rpm	10	13109	4,65 €	9
80 x 15 x 6	240	40 m/s	9500 rpm	10	13111	4,68 €	9
80 x 20 x 6	40	40 m/s	9500 rpm	10	13122	5,13 €	9
80 x 20 x 6	60	40 m/s	9500 rpm	10	13123	5,13 €	9
80 x 20 x 6	80	40 m/s	9500 rpm	10	13124	5,13 €	9
80 x 20 x 6	120	40 m/s	9500 rpm	10	13126	5,16 €	9
80 x 30 x 6	40	40 m/s	9500 rpm	10	13140	6,54 €	9
80 x 30 x 6	60	40 m/s	9500 rpm	10	13141	6,54 €	9
80 x 30 x 6	80	40 m/s	9500 rpm	10	13142	6,54 €	9
80 x 30 x 6	120	40 m/s	9500 rpm	10	13144	6,57 €	9
80 x 30 x 6	150	40 m/s	9500 rpm	10	13145	6,57 €	9
80 x 30 x 6	240	40 m/s	9500 rpm	10	13147	6,61 €	9
80 x 30 x 6	320	40 m/s	9500 rpm	10	13148	6,61 €	9
80 x 40 x 6	40	40 m/s	9500 rpm	10	13158	8,07 €	9
80 x 40 x 6	60	40 m/s	9500 rpm	10	13159	8,07 €	9
80 x 40 x 6	80	40 m/s	9500 rpm	10	13160	8,07 €	9
80 x 40 x 6	120	40 m/s	9500 rpm	10	13162	8,09 €	9
80 x 50 x 6	40	32 m/s	7650 rpm	10	13176	9,07 €	9
80 x 50 x 6	60	32 m/s	7650 rpm	10	13177	9,07 €	9
80 x 50 x 6	80	32 m/s	7650 rpm	10	13178	9,07 €	9
80 x 50 x 6	100	32 m/s	7650 rpm	10	13179	9,13 €	9

Recommended prices.



Small abrasive mop

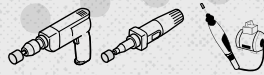
Abrasive mop

► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
80 x 50 x 6	120	32 m/s	7650 rpm	10	13180	9,13 €	9
80 x 50 x 6	150	32 m/s	7650 rpm	10	13181	9,13 €	9
80 x 50 x 6	240	32 m/s	7650 rpm	10	13183	9,18 €	9
80 x 50 x 6	320	32 m/s	7650 rpm	10	13184	9,18 €	9

Small abrasive mop

KM 615



Properties

Bonding agent Resin

Grain Aluminium oxide

Applications:

Stainless steel ●



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

from November 1st 2021

the prices increase by

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 in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 10 x 6	60	40 m/s	25400 rpm	10	253615	3,33 €	9
30 x 10 x 6	80	40 m/s	25400 rpm	10	253620	3,33 €	9
30 x 10 x 6	120	40 m/s	25400 rpm	10	253610	3,34 €	9
40 x 20 x 6	60	40 m/s	19000 rpm	10	253616	3,94 €	9
40 x 20 x 6	80	40 m/s	19000 rpm	10	253621	3,94 €	9
40 x 20 x 6	120	40 m/s	19000 rpm	10	253611	3,96 €	9
50 x 20 x 6	60	40 m/s	15200 rpm	10	253617	4,44 €	9
60 x 30 x 6	60	40 m/s	12700 rpm	10	253618	5,22 €	9
60 x 30 x 6	80	40 m/s	12700 rpm	10	253623	5,22 €	9
80 x 40 x 6	60	40 m/s	9500 rpm	10	253619	9,25 €	9
80 x 40 x 6	80	40 m/s	9500 rpm	10	253624	9,25 €	9

Recommended prices.

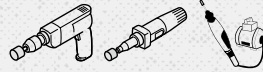
Small abrasive mop

Abrasive mop



Small abrasive mop, cup-shaped

KMT 614



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Metals	●
Wood	⓪
Plastic	⓪

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 in mm	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																	
60 x 40 x 6	40	40 m/s	12700 rpm	10	13194	6,47 €	9																	
60 x 40 x 6	60	40 m/s	12700 rpm	10	13195	6,47 €	9																	

the prices increase by
+7,9 %

Recommended prices.



bor 1st 2021



Non-woven products

About the product

Thanks to its open, elastic structure, a non-woven abrasive web is capable of applying "soft" sanding to produce surfaces with a low scratch depth that are particularly fine. Fully and evenly interspersed with abrasive grain, a non-woven abrasive web can be used to produce a uniform and reproducible scratch pattern while also delivering a long service life.

Carrying an extensive variety of products with differences in fibre structure, grain, grit, bond and density, Klingspor offers the right abrasive tool for every processing step - from light deburring and stock removal to cleaning and creating satin finishes to the polishing of surfaces.

Thanks to the great many beneficial properties of the material, the importance of non-woven products in the field of surface finishing is increasing steadily, especially for the work step of "finishing stainless steel surfaces".

From November 1st 2021

the prices increase by

+7%

Work step	Type	Tool type	Machines											Material applications					Page		
			Angle grinderr Drilling machine	Die grinder	Flexible shaft grinder	Back stand grinding machine	Hand tool belt grinder	Right angle die grinder	Orbital sander	Satin finishing machine	Floor standing grinder	Random orbital sander	Fillet weld grinder	Hand sanding	Stainless Steel	Steel	NF metals	Varnish		Plastic	Wood
Light sanding and creating satin finishes	SMT 850 plus	Combi-abrasive mop disc	●												●	○					220
	SMT 800	Non-woven mop disc	●												●	●	●				220
	SV 484	SCM non-woven web disc (universal)	●												●	●	●	○			208
	NDS 800	SCM non-woven web disc (hard, edge)	●												●	●	●	○			209
	NBS 800	SCM non-woven web belt				●									●	●	●				207
	NBF 800	SCM non-woven file belt					●								●	●	●				206
	QMC/QRC 800	SCM Quick Change Disc						●							●	●	●				211, 213
Coarse cleaning, removal of coatings	PW 2000	Power wheel		●	●	●									●	●	○	●			223
	NCD 200	Coarse cleaning disc	●												●	●	○	●			222
	NCD 200 HD	Coarse cleaning disc HD	●												●	●	○	○			222
	QRC 200 HD	Coarse cleaning QCD					●								●	●	○	○			214
Finishing and creating matt finishes	NRO 400	Non-woven web roll, aluminium oxide							●					●	●	●	○	○	○	○	204
	NRO 500	Non-woven web roll, SiC							●					●	●	○	○	●	●	○	205
	NPA 400	Non-woven hand pad, aluminium oxide							●					●	●	●	○	○	○	○	205
	NPA 500	Non-woven hand pad, SiC							●					●	○	○	○	●	○	○	206
	NFW 600 S	Non-woven finishing wheel								●				●	●	●		○			217
	NCW 600 S	Non-woven combi finishing wheel									●			●	●	●		○			217
	NFW 600	Non-woven finishing wheel										●		●	●	●		○			216
	NCW 600	Non-woven combi finishing wheel											●	●	●	●		○			216
	NDS 400 K	Non-woven self-adhesive disc												●	●	●	●	●	○		208
	QMC/QRC 400	Non-woven QCD						●							●	●	●	○	○		211, 212
	NFS 600	Non-woven mounted wheel		●	●	●									●	●	●		○		219
	NCS 600	Combi non-woven mounted wheel		●	●	●									●	●	●		○		218
Removal of heat tinting, pre-polishing	NUD 500	Unitised compact disc	●											●	●	●					221
	MFW 600	Unitised compact disc / wheel	●											●	●	●					221
	QRC 500	Unitised compact QCD					●							●	●	●					213

● = main application ○ = possible application

Non-woven products

Applications guide

Types of non-woven material

When trying to find the product that is right for your application, you will want to factor in the properties of the non-woven material.

Non-woven material is divided into four different categories:

- ▶ Soft non-woven material without fabric lining (clean and finish)
- ▶ Non-woven material with fabric lining (Surface Conditioning Material – SCM)
- ▶ Highly compacted fleece (unitised and convolute)
- ▶ Coarse cleaning fleece (clean and strip)

General benefits of non-woven materials

Wide range of applications for finishing

- ▶ The products are available with various grains and densities

Exceptionally long service life

- ▶ Continuous release of new abrasive grains
- ▶ Even finish throughout the entire service life
- ▶ No clogging thanks to open structure

Uniform scratch pattern

- ▶ Abrasive grains are distributed evenly in the material structure
- ▶ No excessive penetration into the workpiece surface

Perfect contouring to the workpiece

- ▶ The structure of non-woven materials is exceedingly flexible
- ▶ Shape and geometry of the base material remain unchanged

From November 1st 2021

Finishing processes, typical work steps



Light sanding and creating satin finishes

Light stock removal combined with an excellent finish. The right choice: Non-woven tools made of SCM non-woven material with fabric lining (e.g. belts, discs) or combinations with non-woven and coated abrasives (e.g. SMT 850).



Coarse cleaning

Removal of rust, scale and varnish as well as coatings in general and effortless removal of heat tinting. The right choice: Non-woven tools made of coarse cleaning fleece with an extra open structure, relatively strong non-woven fibres and coarse abrasive grain.



Finishing and creating matt finishes

Blending scratch patterns, cleaning surfaces and creating a final finish; no stock removal. The right choice: Tools, often including tools for off-hand sanding, made of soft, flexible non-woven material.



Removal of heat tinting and pre-polishing

Removal of heat tinting and/or creation of surfaces with a low scratch depth that are particularly fine. The right choice: Tools made of highly compacted fleece. Depending on its density and degree of fineness, the non-woven material may even allow for light stock removal or light deburring.

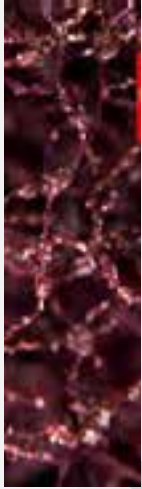
Non-woven products

Applications guide



Non-woven nylon material in four different shapes

Non-woven material without fabric lining



NCW 600 (S)



NFW 600 (S)



NDS 400 K



QMC / QRC 400



NPA 400 / 500



NRO 400 / 500



NCS 600



NFS 600

Non-woven material with fabric lining



SMT 800 SPECIAL



SMT 850 plus SPECIAL



NBS 800



NBF 800



SV 484



NDS 800



QMC / QRC 800

Highly compacted fleece



MFW 600



NUD 500



QRC 500

Coarse cleaning fleece



PW 2000



NCD 200



QRC 200 HD



NCD 200 HD

Non-woven products

Applications guide

Rolls and sheets

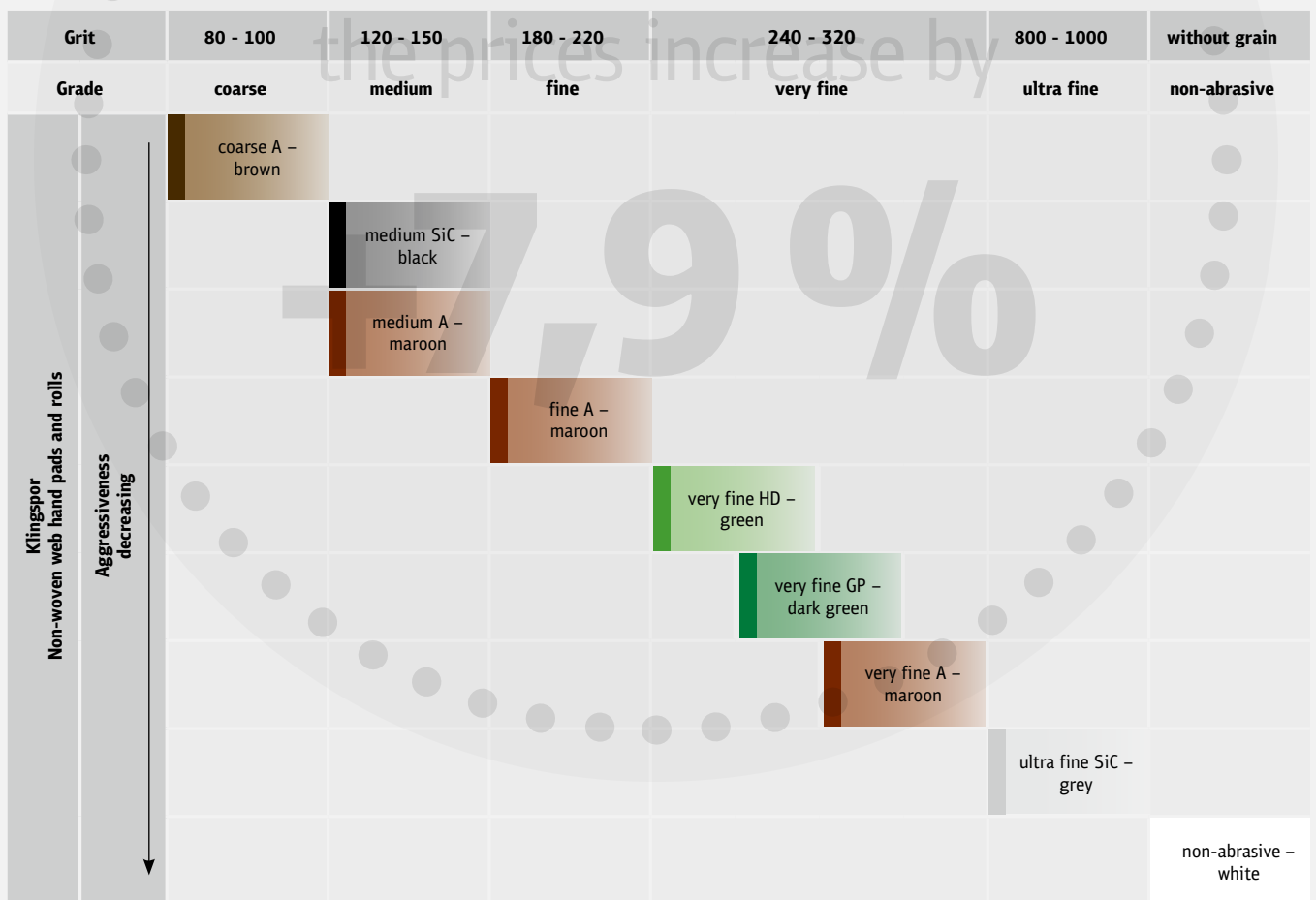
Minimum order quantities for made to order items

Format/style	Product	Width	Minimum order quantity
Rolls	NRO 400 / 500		Dimensions and quantities on request
Sheets	NPA 400 / 500		Dimensions and quantities on request



From November 1st 2021

Grit chart



Non-woven products

Applications guide



Belts

Minimum order quantities for made to order items

Format/style	Product	Width	Minimum order quantity
Belts	NBF 800	6 – 13 mm	20 pieces
		14 – 30 mm	10 pieces
	NBS 800	31 – 75 mm	5 pieces
		76 – 320 mm	2 pieces

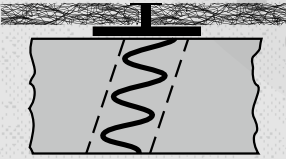
The minimum length for non-woven belts is 295 mm. We reserve the right to over-deliver or under-deliver production items.



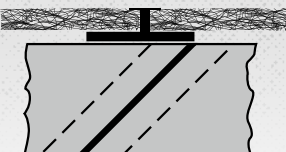
Grit chart

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

Belt joints for non-woven belts



Form 3 W
Zig-zag butt joint with fabric tape on the rear and additional joint connection on the front. Standard joint for product type NBS 800.



Form 4 W
Bevel cut, butt joint, with fabric tape on the rear and bonding on the face side. Special joint for non-woven file belts, product type NBF 800.

Non-woven products

Applications guide

Quick Change Discs

Minimum order quantities for made to order items

Format/style	Product	Diameter	Minimum order quantity
Quick Change Discs	QRC/QMC 800	38 mm	400 pieces
		50 mm	350 pieces
		76 mm	350 pieces
	QRC/QMC 400	38 mm	700 pieces
		50 mm	500 pieces
		76 mm	375 pieces



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

From November 1st 2021

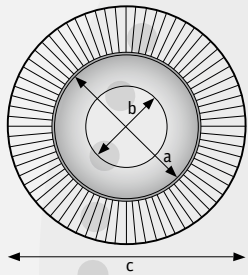
Grit chart for QRC/QMC 800

Grit	60 - 80	120 - 150	180 - 240
Grade	coarse	medium	very fine
Klingspor Quick Change Discs	coarse A – brown	medium A – purple	very fine – blue
	Aggressiveness decreasing ↓		
	+7,9%		

Abrasive mop

Minimum order quantities for made to order items

Format/style	Product	Diameter	Minimum order quantity
Mop	NFW 600 / NCW 600	100 – 165 mm	20 pieces
		200 – 300 mm	10 pieces
Small abrasive mop	NCS 600 / NFS 600	30, 40, 50, 60 mm	150 pieces
		80, 100 mm	100 pieces



From November 1st 2021

the prices increase by

+7.9%

Mop side cover and hole relative to the outer mop diameter*

Type	Mop wheel outer Ø [mm]	Metal side cover		Matching clamping flange SMD 612
		Outer Ø [mm]	Hole [mm]	
NCW/NFW 600	165	82	43,1	14823
	200-250	125	68,2	14824
	300	158	97,8	14826

* applies to standard versions (stock items)

Non-woven web

Rolls

Non-woven web roll

NRO 400



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Stainless steel	●	Paint/Varnish/Filler	①
Metals	●		
Wood	●		
Plastic	①		

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

Width x Length in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 10000	maroon	medium	1	258870	43,28 €	1
100 x 10000	maroon	fine	1	258872	40,23 €	1
100 x 10000	dark green	very fine general purpose	1	258871	33,63 €	1
100 x 10000	maroon	very fine	1	258873	40,23 €	1
115 x 10000	maroon	medium	1	258885	49,63 €	1
115 x 10000	maroon	fine	1	258887	46,45 €	1
115 x 10000	dark green	very fine general purpose	1	258886	39,52 €	1
115 x 10000	maroon	very fine	1	258888	46,45 €	1
150 x 10000	maroon	medium	1	258890	64,83 €	1
150 x 10000	maroon	fine	1	258892	60,29 €	1
150 x 10000	dark green	very fine general purpose	1	258891	50,91 €	1
150 x 10000	maroon	very fine	1	258893	60,29 €	1

Information regarding grit range see chart on page 200.

Recommended prices.

Non-woven web

Rolls / Pads



Non-woven web roll

NRO 500



Properties

Bonding agent	Resin
Grain	SiC

Applications:

Stainless steel	●	Wood	⓪
Plastic	●		
Paint/Varnish/Filler	●		
Metals	⓪		

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

Width x Length in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 10000	black	medium	1	260365	43,28 €	1
100 x 10000	grey	ultra fine	1	258874	40,23 €	1
115 x 10000	black	medium	1	260366	49,63 €	1
115 x 10000	grey	ultra fine	1	258889	46,45 €	1
150 x 10000	black	medium	1	260367	64,71 €	1
150 x 10000	grey	ultra fine	1	258894	60,29 €	1

Information regarding grit range see chart on page 200.

Non-woven web hand pad

NPA 400



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Stainless steel	●	Plastic	⓪
Metals	●		
Wood	●		
Paint/Varnish	⓪		

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

Width x Length in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
152 x 229	brown	coarse	20	342852	189,99 €	5
152 x 229	maroon	medium	20	342855	147,01 €	5
152 x 229	maroon	fine	20	342856	145,87 €	5
152 x 229	maroon	very fine	20	342849	149,26 €	5
152 x 229	green	very fine heavy duty	20	342853	147,01 €	5
152 x 229	dark green	very fine general purpose	20	342854	145,87 €	5

Information regarding grit range see chart on page 200.

Recommended prices.

Non-woven web

Pads / Belts

Non-woven web hand pad

NPA 500



Properties

Bonding agent	Resin
Grain	SiC

Applications:

Paint/Varnish	●	Wood	①
Plastic	●		
Stainless steel	●		
Metals	①		

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

Width x Length in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
152 x 229	black	medium	20	342857	150,40 €	5
152 x 229	grey	ultra fine	20	342851	149,26 €	5
152 x 229	white	without grain	20	342850	145,87 €	5

Information regarding grit range see chart on page 200.

SCM file belt

NBF 800



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Stainless steel	●
NF metals	●
Metals	①

Advantages: Special product for surface finishing with hand tool belt grinders - Ideal for removal of discolorations, for light deburring, leveling, matt finishing and roughening - Minimal clogging and long service life - Suitable for dry and wet grinding

Width x Length in mm	Belt joint	Colour	Grade	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6 x 520	F4W	brown	coarse	10	258646	3,07 €	3
6 x 520	F4W	maroon	medium	10	258647	2,65 €	3
6 x 520	F4W	blue	very fine	10	258648	2,65 €	3
9 x 533	F4W	brown	coarse	10	258652	3,16 €	3
9 x 533	F4W	maroon	medium	10	258653	2,71 €	3
9 x 533	F4W	blue	very fine	10	258654	2,71 €	3
10 x 330	F4W	brown	coarse	10	258655	2,27 €	3
10 x 330	F4W	maroon	medium	10	258656	1,99 €	3
10 x 330	F4W	blue	very fine	10	258657	1,99 €	3
12 x 520	F4W	brown	coarse	10	258658	3,07 €	3
12 x 520	F4W	maroon	medium	10	258659	2,65 €	3
12 x 520	F4W	blue	very fine	10	258660	2,65 €	3
12 x 533	F4W	brown	coarse	10	258661	3,16 €	3
12 x 533	F4W	maroon	medium	10	258662	2,71 €	3

Recommended prices.



Non-woven web

Belts



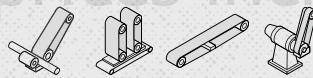
►► Continuation of NBF 800, SCM File belt

Width x Length in mm	Belt joint	Colour	Grade	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
12 x 533	F4W	blue	very fine	10	258663	2,71 €	3
13 x 457	F4W	brown	coarse	10	258664	2,99 €	3
13 x 457	F4W	maroon	medium	10	258665	2,56 €	3
13 x 457	F4W	blue	very fine	10	258666	2,56 €	3
13 x 610	F4W	brown	coarse	10	258667	3,68 €	3
13 x 610	F4W	maroon	medium	10	258668	3,11 €	3
13 x 610	F4W	blue	very fine	10	258669	3,11 €	3
20 x 520	F4W	brown	coarse	10	258671	4,57 €	3
20 x 520	F4W	maroon	medium	10	258672	3,80 €	3
20 x 520	F4W	blue	very fine	10	258673	3,80 €	3
28 x 533	F4W	brown	coarse	10	258674	6,69 €	3
28 x 533	F4W	maroon	medium	10	258695	5,58 €	3
28 x 533	F4W	blue	very fine	10	258696	5,58 €	3
30 x 533	F4W	brown	coarse	5	258699	7,07 €	3
30 x 533	F4W	maroon	medium	5	258700	5,88 €	3
30 x 533	F4W	blue	very fine	5	258701	5,88 €	3
30 x 610	F4W	maroon	medium	5	258703	6,49 €	3
30 x 610	F4W	blue	very fine	5	258704	6,49 €	3

Information regarding grit range see chart on page 201.

SCM standard belt

NBS 800



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, matte finishing and roughening - Minimal clogging - Long service life - Suitable for dry and wet grinding

Width x Length in mm	Belt joint	Colour	Grade	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 800	F3W	violet	medium	5	258706	8,08 €	3
40 x 618	F3W	brown	coarse	5	258711	10,17 €	3
40 x 618	F3W	violet	medium	5	258712	8,29 €	3
40 x 618	F3W	blue	very fine	5	258713	8,29 €	3
40 x 820	F3W	brown	coarse	5	258714	13,01 €	3
40 x 820	F3W	violet	medium	5	258715	10,56 €	3
40 x 820	F3W	blue	very fine	5	258716	10,56 €	3
50 x 450	F3W	brown	coarse	5	258717	9,34 €	3
50 x 450	F3W	violet	medium	5	258718	7,66 €	3
75 x 2000	F3W	brown	coarse	5	258729	55,68 €	3
75 x 2000	F3W	violet	medium	5	258730	44,19 €	3
75 x 2000	F3W	blue	very fine	5	258731	44,19 €	3

Information regarding grit range see chart on page 201.

Recommended prices.

Non-woven web

Discs

Non-woven web disc, self-fastening

NDS 400 K



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
Diameter in mm	Grit	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group																	
150	320	maroon	very fine	20	342640	273,48 €	5																	
150	600	grey	ultra fine	20	342641	273,48 €	5																	

SCM disc

SV 484



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	SCM Non-woven web

Applications:

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

Advantages: Universal non-woven web disc with outstanding price-performance ratio - Soft and elastic grinding - Can be used wet and dry - With center hole for easy mounting, secure hold and smooth running on backing plates with centering - Also suited for backing pads without centering and fiber 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
Diameter x Bore in mm	Grit	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group																		
115 x 22	80	coarse	10	353413	223,91 €	5																		
115 x 22	100	medium	10	353415	213,73 €	5																		
115 x 22	180	medium	10	353409	213,73 €	5																		
115 x 22	280	very fine	10	353410	213,73 €	5																		
125 x 22	80	coarse	10	353414	292,89 €	5																		
125 x 22	100	medium	10	353416	277,04 €	5																		
125 x 22	180	medium	10	353411	277,04 €	5																		
125 x 22	280	very fine	10	353412	277,04 €	5																		

Recommended prices.

Non-woven web

Discs / Backing pads



SCM disc

NDS 800



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	SCM Non-woven web

Applications:

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

Advantages: High edge stability - Aggressive abrasive behaviour - Long service life - Can be used for wet and dry grinding - With expressible center hole for easy mounting, secure hold and smooth running on backing plates with centering - Also suited for backing pads without centering and fiber 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

Diameter x Bore in mm	Grit	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
115 x 22	50	brown	coarse	10	320103	355,07 €	5
115 x 22	100	maroon	medium	10	320104	300,79 €	5
115 x 22	180	blue	very fine	10	320105	300,79 €	5
125 x 22	50	brown	coarse	10	320106	413,88 €	5
125 x 22	100	maroon	medium	10	320107	341,50 €	5
125 x 22	180	blue	very fine	10	320108	341,50 €	5

Backing pad for SCM discs

NDS 555



Advantages: Good adhesion for non-woven web discs - For medium-duty grinding and polishing

Diameter in mm	Thread/Shaft	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115	thread M14	1	164100	13,71 €	14
125	thread M14	1	208275	14,92 €	14

Recommended prices.

Non-woven web

Backing pads

Backing pad for SCM discs with center hole

NDS 555 C



NEW !



Advantages: Easy and always centric positioning of the non-woven web discs - Good adhesion due to special self-fastening hooks - Less vibrations, stable running - No loosening of the discs, even with decreasing adhesion - Adaptable, for surfaces and light contours

Diameter in mm	Thread/Shaft	Suitable for	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115	thread M14	Diameter 115 x 22	13300 rpm	1	358126	13,98 €	14
125	thread M14	Diameter 125 x 22	12200 rpm	1	358127	15,22 €	14

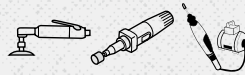
the prices increase by

+7,9 %

Recommended prices.

Non-woven web quick change disc

QMC 400



Properties

Bonding agent Resin	
Grain	Aluminium oxide
Backing	Non-woven web

Applications:

Paint/Varnish/Filler	●
Stainless steel	●
Metals	○

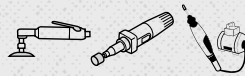
Advantages: Suitable for surface finishing work - For cleaning work on metals and painted surfaces

Diameter in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	bordeaux	medium	50	295392	98,80 €	5
50	bordeaux	fine	50	295393	92,83 €	5
50	bordeaux	very fine	50	295394	90,90 €	5

Backing pad see page 212 /Adapter see page 215. Information regarding grit range see chart on page 202.

SCM quick change disc

QMC 800



Properties

Bonding agent Resin	
Grain	Aluminium oxide
Backing	SCM Non-woven web

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 surface conditioning material

Diameter in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	brown	coarse	50	295410	189,00 €	5
50	violet	medium	50	295411	180,00 €	5
50	blue	very fine	50	295412	166,00 €	5
76	violet	medium	25	295417	271,00 €	5
76	blue	very fine	25	295418	249,00 €	5

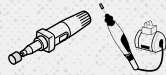
Backing pad see page 212 /Adapter see page 215. Information regarding grit range see chart on page 202.

Non-woven web

Quick Change Discs / Backing pads

Backing pad

QMC 555

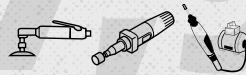


Advantages: For secure mounting of QMC discs - Optimized abrasive properties (aggressiveness, surface quality) due to three hardnesses

Diameter x Shaft in mm	Density	Colour	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 6	medium	blue	30000 rpm	1	295422	10,09 €	14
38 x 6	soft	grey	30000 rpm	1	300058	10,49 €	14
38 x 6	medium	blue	30000 rpm	1	295424	10,26 €	14
38 x 6	firm	red	30000 rpm	1	300059	11,41 €	14
50 x 6	soft	grey	30000 rpm	1	300060	11,23 €	14
50 x 6	medium	blue	30000 rpm	1	295426	11,23 €	14
50 x 6	firm	red	30000 rpm	1	295427	12,14 €	14
76 x 6	soft	grey	20000 rpm	1	300061	11,89 €	14
76 x 6	medium	blue	20000 rpm	1	295430	11,89 €	14
76 x 6	firm	red	20000 rpm	1	295431	13,48 €	14

Non-woven web quick change disc

QRC 400



Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Non-woven web

Applications:

Paint/Varnish/Filler	●
Stainless steel	●
Metals	◐

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

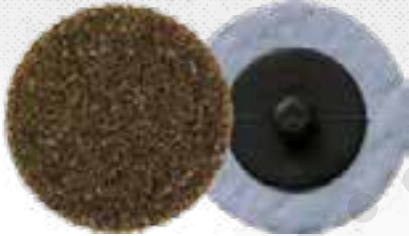
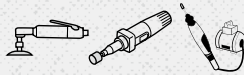
All sizes and minimum purchasing quantities available on request

Backing pad see page 215 /Adapter see page 215. Information regarding grit range see chart on page 202.

Recommended prices.

SCM quick change disc

QRC 800



Properties

Bonding agent Resin	
Grain	Aluminium oxide
Backing	SCM Non-woven web

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 surface conditioning material

Diameter in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
50	brown	coarse	50	295413	189,00 €	5
50	violet	medium	50	295414	180,00 €	5
50	blue	very fine	50	295415	166,00 €	5
76	brown	coarse	25	295419	284,00 €	5
76	violet	medium	25	295420	271,00 €	5

Backing pad see page 215 /Adapter see page 215. Information regarding grit range see chart on page 202.

Unitized Quick Change Discs

QRC 500



NEW !



Properties

Bonding agent Resin	
Grain	Aluminium oxide/SiC
Backing	Compressed non-woven web layers

Applications:

Stainless steel	●	NF metals	●
Titanium	●	Aluminium	●
Steel	●		
High alloy steel	●		

Advantages: Very long service life - Very fine, constant and brilliant surface pattern - Versatile, depending on density and structure (removal to polishing) - Very suitable for hard-to-reach areas (e.g. inside corners) - Can be used on the face and surface - Free of metallic ingredients

Diameter in mm	Colour	Grade	Density	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
51	grey	fine	2 SF soft	10	358978	509,25 €	5
51	grey	fine	3 SF medium soft	10	358981	536,04 €	5
51	grey	fine	6 SF hard	10	358979	600,36 €	5
51	maroon	coarse	8 AC very hard	10	358980	712,44 €	5
76	grey	fine	2 SF soft	5	358982	763,87 €	5
76	grey	fine	3 SF medium soft	5	358985	804,04 €	5
76	grey	fine	6 SF hard	5	358983	900,52 €	5
76	maroon	coarse	8 AC very hard	5	358984	1.068,67 €	5

Backing pad see page 215 /Adapter see page 215.

Recommended prices.

Non-woven web

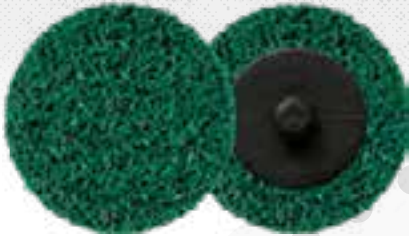
Quick Change Discs

Quick Change Disc, Clean and Strip

QRC 200 HD



NEW !



Properties

Bonding agent	Resin
Grain	Ceramic coated aluminium oxide
Backing	Coarse cleaning fleece

Applications:

Stainless steel	●
Steel	●
NF metals	●
Paint/Varnish/Filler	●

Advantages: Hard, aggressive cleaning fleece for heavy-duty use - Open structure, no clogging and cool grinding - Fast work progress and long service life - No change in workpiece geometry in metal applications - Can be used on the face and surface

Diameter in mm	Colour	Grade	Packing unit/pcs.	Cat. number	Price/100 pcs. €	Discount group
51	green	extra coarse	10	358993	261,85 €	5
76	green	extra coarse	5	358994	392,76 €	5

Backing pad see page 215 /Adapter see page 215.

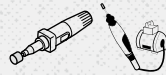
From November 1st 2021 the prices increase by

+7,9 %

Recommended prices.

Backing pad

QRC 555



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

Diameter x Shaft in mm	Density	Colour	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25 x 6	medium	blue	30000 rpm	1	295423	10,09 €	14
38 x 6	medium	blue	30000 rpm	1	295425	10,26 €	14
50 x 6	medium	blue	30000 rpm	1	295428	11,23 €	14
50 x 6	firm	red	30000 rpm	1	295429	12,14 €	14
76 x 6	medium	blue	20000 rpm	1	295432	11,89 €	14
76 x 6	firm	red	20000 rpm	1	295433	13,48 €	14

Adapter for quick change disc backing pad

QCA 555



Advantages: Quick Change Disc adapter with M14 thread - Allows use of quick change discs on a regular angle grinder

Width x Length in mm	Thread/Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
20 x 30	thread M14	80 m/s	75400 rpm	1	308693	8,57 €	14

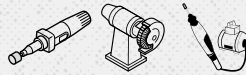
Recommended prices.

Non-woven web

Abrasive mop

Combi non-woven web mop

NCW 600



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Stainless steel	●
Metals	●
Plastic	○

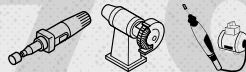
Advantages: Combination of non-woven and abrasive cloth flaps for a fine surface scratch pattern - Optimal wear properties - High removal rate - Long service life

Diameter x Width x Bore in mm	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
165 x 50 x 43,1	80	coarse	maroon	32 m/s	3700 rpm	3	258909	40,94 €	9
165 x 50 x 43,1	100	medium	maroon	32 m/s	3700 rpm	3	258910	40,94 €	9
165 x 50 x 43,1	150	medium	maroon	32 m/s	3700 rpm	3	258911	40,94 €	9
165 x 50 x 43,1	180	very fine	maroon	32 m/s	3700 rpm	3	258912	40,94 €	9
200 x 50 x 68,2	80	coarse	maroon	32 m/s	3050 rpm	2	258913	71,78 €	9
200 x 50 x 68,2	100	medium	maroon	32 m/s	3050 rpm	2	258914	71,78 €	9
200 x 50 x 68,2	150	medium	maroon	32 m/s	3050 rpm	2	258915	71,78 €	9

Use only with mounting plate SMD 612 (page 183)!

Finishing mop

NFW 600



Properties

Bonding agent	Resin
Grain	Aluminium oxide

Applications:

Metals	●
Stainless steel	●

Advantages: Even finish throughout the entire service life - Optimal tool for creating a matt or satin finish

Diameter x Width x Bore in mm	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
165 x 50 x 43,1	coarse	maroon	32 m/s	3700 rpm	3	258898	37,57 €	9
165 x 50 x 43,1	medium	maroon	32 m/s	3700 rpm	3	258899	37,57 €	9
165 x 50 x 43	very fine	maroon	32 m/s	3700 rpm	3	258900	37,57 €	9
200 x 50 x 68,2	coarse	maroon	32 m/s	3050 rpm	2	258901	69,58 €	9
200 x 50 x 68,2	medium	maroon	32 m/s	3050 rpm	2	258902	69,58 €	9
200 x 50 x 68,2	very fine	maroon	32 m/s	3050 rpm	2	258903	69,58 €	9

Use only with mounting plate SMD 612 (page 183)!

Recommended prices.

Combi non-woven web 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 in mm	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 50 x 19	80	coarse	maroon	19 m/s	3700 rpm	3	259896	26,25 €	9
100 x 50 x 19	100	medium	maroon	19 m/s	3700 rpm	3	259897	26,25 €	9
100 x 50 x 19	150	medium	maroon	19 m/s	3700 rpm	3	259898	26,25 €	9
100 x 50 x 19	180	very fine	maroon	19 m/s	3700 rpm	3	259899	26,25 €	9
100 x 100 x 19	80	coarse	maroon	19 m/s	3700 rpm	1	258905	37,04 €	9
100 x 100 x 19	100	medium	maroon	19 m/s	3700 rpm	1	258906	37,04 €	9
100 x 100 x 19	150	medium	maroon	19 m/s	3700 rpm	1	258907	37,04 €	9
100 x 100 x 19	180	very fine	maroon	19 m/s	3700 rpm	1	258908	37,04 €	9
110 x 100 x 19	80	coarse	maroon	19 m/s	3300 rpm	1	320246	41,57 €	9
110 x 100 x 19	100	medium	maroon	19 m/s	3300 rpm	1	320247	41,57 €	9
110 x 100 x 19	150	medium	maroon	19 m/s	3300 rpm	1	320248	41,57 €	9

Non-woven web 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 matt or satin finish

Diameter x Width x Bore in mm	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 50 x 19	coarse	maroon	19 m/s	3700 rpm	3	259853	22,46 €	9
100 x 50 x 19	medium	maroon	19 m/s	3700 rpm	3	259854	22,46 €	9
100 x 50 x 19	very fine	maroon	19 m/s	3700 rpm	3	259895	22,46 €	9
100 x 100 x 19	coarse	maroon	19 m/s	3700 rpm	1	258895	34,74 €	9
100 x 100 x 19	medium	maroon	19 m/s	3700 rpm	1	258896	34,74 €	9

Recommended prices.



Non-woven web

Abrasive mop

► Continuation of NFW 600 S, Non-woven web drum

Diameter x Width x Bore in mm	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 100 x 19	very fine	maroon	19 m/s	3700 rpm	1	258897	34,74 €	9
110 x 100 x 19	coarse	maroon	19 m/s	3300 rpm	1	320253	40,59 €	9
110 x 100 x 19	medium	maroon	19 m/s	3300 rpm	1	320254	40,59 €	9
110 x 100 x 19	very fine	maroon	19 m/s	3300 rpm	1	320255	40,59 €	9

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 in mm	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 30 x 6	60	coarse	maroon	32 m/s	12200 rpm	10	258932	7,40 €	9
50 x 30 x 6	100	medium	maroon	32 m/s	12200 rpm	10	258933	7,40 €	9
50 x 30 x 6	150	medium	maroon	32 m/s	12200 rpm	10	258934	7,40 €	9
50 x 30 x 6	240	very fine	maroon	32 m/s	12200 rpm	10	258935	7,40 €	9
60 x 30 x 6	60	coarse	maroon	32 m/s	10200 rpm	10	258936	9,05 €	9
60 x 30 x 6	100	medium	maroon	32 m/s	10200 rpm	10	258937	9,05 €	9
60 x 30 x 6	150	medium	maroon	32 m/s	10200 rpm	10	258938	9,05 €	9
60 x 30 x 6	240	very fine	maroon	32 m/s	10200 rpm	10	258939	9,05 €	9
60 x 50 x 6	60	coarse	maroon	32 m/s	10200 rpm	10	258940	10,78 €	9
60 x 50 x 6	100	medium	maroon	32 m/s	10200 rpm	10	258941	10,78 €	9
60 x 50 x 6	150	medium	maroon	32 m/s	10200 rpm	10	258942	10,78 €	9
60 x 50 x 6	240	very fine	maroon	32 m/s	10200 rpm	10	258943	10,78 €	9
80 x 50 x 6	60	coarse	maroon	32 m/s	7600 rpm	10	258944	13,56 €	9
80 x 50 x 6	100	medium	maroon	32 m/s	7600 rpm	10	258945	13,56 €	9
80 x 50 x 6	150	medium	maroon	32 m/s	7600 rpm	10	258946	13,56 €	9
80 x 50 x 6	240	very fine	maroon	32 m/s	7600 rpm	10	258947	13,56 €	9
100 x 50 x 6	60	coarse	maroon	32 m/s	6100 rpm	4	258948	24,13 €	9
100 x 50 x 6	100	medium	maroon	32 m/s	6100 rpm	4	258949	24,13 €	9
100 x 50 x 6	150	medium	maroon	32 m/s	6100 rpm	4	258950	24,13 €	9
100 x 50 x 6	240	very fine	maroon	32 m/s	6100 rpm	4	258951	24,13 €	9

Recommended prices.

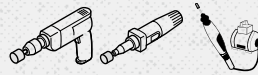
Non-woven web

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 in mm	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 30 x 6	coarse	maroon	32 m/s	12200 rpm	10	258917	7,30 €	9
50 x 30 x 6	medium	maroon	32 m/s	12200 rpm	10	258918	7,30 €	9
50 x 30 x 6	very fine	maroon	32 m/s	12200 rpm	10	258919	7,30 €	9
60 x 30 x 6	coarse	maroon	32 m/s	10200 rpm	10	258920	8,82 €	9
60 x 30 x 6	medium	maroon	32 m/s	10200 rpm	10	258921	8,82 €	9
60 x 30 x 6	very fine	maroon	32 m/s	10200 rpm	10	258922	8,82 €	9
60 x 50 x 6	coarse	maroon	32 m/s	10200 rpm	10	258923	10,50 €	9
60 x 50 x 6	medium	maroon	32 m/s	10200 rpm	10	258924	10,50 €	9
60 x 50 x 6	very fine	maroon	32 m/s	10200 rpm	10	258925	10,50 €	9
80 x 50 x 6	coarse	maroon	32 m/s	7600 rpm	10	258926	13,12 €	9
80 x 50 x 6	medium	maroon	32 m/s	7600 rpm	10	258927	13,12 €	9
80 x 50 x 6	very fine	maroon	32 m/s	7600 rpm	10	258928	13,12 €	9
100 x 50 x 6	coarse	maroon	32 m/s	6000 rpm	4	258929	21,98 €	9
100 x 50 x 6	medium	maroon	32 m/s	6000 rpm	4	258930	21,98 €	9
100 x 50 x 6	very fine	maroon	32 m/s	6000 rpm	4	258931	21,98 €	9

Recommended prices.

Non-woven web

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 in mm	Form	Grade	Colour	Max. operating speed	Max. RPM	Recommended operating speed	Recommended RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		coarse	brown	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278495	7,27 €	10
115 x 22,23		medium	maroon	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278496	7,27 €	10
115 x 22,23		very fine	green	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278497	7,27 €	10
125 x 22,23		coarse	brown	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278498	8,57 €	10
125 x 22,23		medium	maroon	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278499	8,57 €	10
125 x 22,23		very fine	green	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278500	8,57 €	10

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 surface conditioning mop disc - Specially suited for machining of WIG weld seams on stainless steel components - Even finish throughout the entire service life - Stock removal and finishing in one step

Diameter x Bore in mm	Form	Grit	Grade	Colour	Max. operating speed	Max. RPM	Recommended operating speed	Recommended RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		60	coarse	brown	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312556	14,57 €	10
115 x 22,23		80	medium	maroon	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312557	14,57 €	10
115 x 22,23		120	very fine	green	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312558	14,57 €	10
125 x 22,23		60	coarse	brown	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312559	17,19 €	10
125 x 22,23		80	medium	maroon	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312560	17,19 €	10
125 x 22,23		120	very fine	green	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312561	17,19 €	10

Recommended prices.

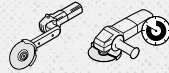
Non-woven web

Unitized wheels



Unitized wheel

MFW 600



Applications:

Steel	●
Stainless steel	●
NF metals	●

Properties

Bonding agent Resin	
Grain	SiC
Backing	Compressed non-woven web layers

Advantages: Special product for finishing stainless steel weld seams - 4 different grades for material removal up to high gloss

Diameter x Width x Bore in mm	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 6 x 22	coarse	red	59 m/s	9000 rpm	5	342218	35,53 €	9
125 x 6 x 22	medium	grey	59 m/s	9000 rpm	5	342219	31,86 €	9
125 x 6 x 22	fine	grey	39 m/s	5900 rpm	5	342237	28,43 €	9
150 x 3 x 25,4	coarse	red	59 m/s	7500 rpm	10	337948	33,57 €	9
150 x 3 x 25,4	medium	grey	59 m/s	7500 rpm	10	337949	30,38 €	9
150 x 3 x 25,4	fine	grey	39 m/s	5000 rpm	10	337950	26,48 €	9
150 x 6 x 25,4	coarse	red	59 m/s	7500 rpm	5	337944	37,68 €	9
150 x 6 x 25,4	medium	grey	59 m/s	7500 rpm	5	337945	35,63 €	9
150 x 6 x 25,4	fine	grey	39 m/s	5000 rpm	5	337946	33,80 €	9
150 x 6 x 25,4	very fine	grey	39 m/s	5000 rpm	5	337947	31,74 €	9

Unitized wheel

NUD 500



Applications:

Alloyed steels	●
High alloy steel	●
Non-ferrous metals	●
Light metals	●
Chrome and nickel steels	●
Steel	●
Titanium	●

Properties

Bonding agent Resin	
Grain	SiC
Backing	Compressed non-woven web layers

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 in mm	Grade	Colour	Max. operating speed	Max. RPM	Recommended RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 13 x 22,23	coarse	grey	63 m/s	10450 rpm	5800 rpm	5	337864	65,17 €	9
115 x 13 x 22,23	medium	grey	63 m/s	10450 rpm	5800 rpm	5	337865	52,94 €	9
115 x 13 x 22,23	very fine	grey	63 m/s	10450 rpm	5800 rpm	5	337866	46,07 €	9
125 x 13 x 22,23	coarse	grey	63 m/s	9600 rpm	5300 rpm	5	337861	66,67 €	9
125 x 13 x 22,23	medium	grey	63 m/s	9600 rpm	5300 rpm	5	337862	53,52 €	9
125 x 13 x 22,23	very fine	grey	63 m/s	9600 rpm	5300 rpm	5	337863	46,43 €	9

Recommended prices.

Non-woven web

Clean and strip discs

Clean and strip disc, extra coarse

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 - For the removal of paint and rust

Diameter x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		63 m/s	10450 rpm	5	259043	12,31 €	9
125 x 22,23		63 m/s	9600 rpm	5	259044	13,57 €	9

Clean and strip disc, extra coarse

NCD 200 HD



NEW !



Applications:

Stainless steel	●
Steel	●
NF metals	●
Paint/Varnish/Filler	●

Properties

Bonding agent	Resin
Grain	Ceramic coated aluminium oxide
Design	Flat

Advantages: Hard, aggressive non-woven version for higher loads - Open structure - No clogging - Cool grinding - Fast work progress and long service life - No change in workpiece contour

Diameter x Bore in mm	Form	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		extra coarse	green	63 m/s	10450 rpm	5	358003	14,77 €	9
125 x 22,23		extra coarse	green	63 m/s	9600 rpm	5	358004	16,29 €	9

Recommended prices.

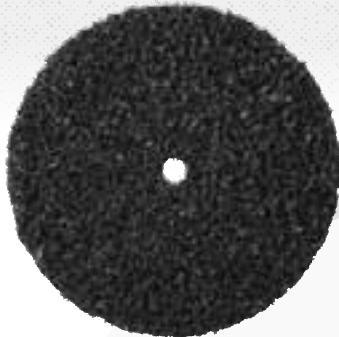
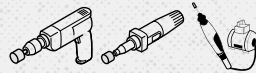
Non-woven web

Power Wheel



Clean and Strip Power Wheel, extra coarse

PW 2000



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 in mm	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 13 x 13	40 m/s	7600 rpm	10	194625	7,34 €	9
150 x 13 x 13	40 m/s	5000 rpm	10	194626	12,26 €	9
200 x 13 x 13	40 m/s	3800 rpm	10	241380	16,70 €	9

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

Shaft in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6	1 wheel Ø 100 - Ø 200	1	194629	9,10 €	14
8	1-2 wheels Ø 100 - Ø 200	1	194632	10,94 €	14

Recommended prices.



Abrasive mop discs

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 aluminium oxide coated flaps 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 made to order items

Diameter	Minimum order quantities
up to 150 mm	320 pieces
180 mm	160 pieces

From November 1st 2021
the prices increase by

Type		Material							Application					Page		
		Steel	Stainless steel	High alloy stainless steel	NF metals	Aluminium	Wood	Plastics	Paint / varnish / filler	Finish grinding	Welded seam work	Edge work; bevelling	Concave fillet weld work		Rust and varnish removal	Heat tinting and oxide film removal
<i>SMT 314 EXTRA</i>		●			●	●	○				●	●				230
<i>SMT 324 EXTRA</i>		●	●	●						●						231
<i>SMT 324 EXTRA</i>		●	●	●							●	●				231
<i>SMT 325 EXTRA</i>		●	●	●						●						232
<i>SMT 325 EXTRA</i>		●	●	●							●	●				232
<i>SMT 624 SUPRA</i>		●	●	●							●	●				233
<i>SMT 626 SUPRA</i>		●	●	●							●	●				235
<i>SMT 628 SUPRA</i>		●	●	●						●						234
<i>SMT 636 SUPRA</i>			●	●	●	●				●						236
<i>SMT 636 SUPRA</i>			●	●	●	●					●	●				236
<i>SMT 644 SUPRA</i>		●	●	●						●						236
<i>SMT 644 SUPRA</i>		●	●	●							●	●				236
<i>SMT 645 SUPRA</i>		●	●	●						●						237
<i>SMT 924 SPECIAL</i>		●	●								●	●				238
<i>SMT 925 SPECIAL</i>		●	●	●						●						238
<i>SMT 925 SPECIAL</i>		●	●	●							●	●				238
<i>SMT 926 SPECIAL</i>		●	●	●							●	●				239
<i>SMT 996 SPECIAL</i>			●	●						●						240
<i>SMT 996 SPECIAL</i>			●	●							●	●				240

● = main application ○ = possible application

Abrasive mop discs

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 mm and inches

4. Punch ring

Manufacturer information, no expiry date

5. Grit size

6. Cat. number

7. Safety recommendations

Language neutral pictograms

8. Product group

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 discs

Applications guide



Product structure

The three abrasive mop disc components are perfectly integrated to achieve maximum performance.

1. Grinding flaps

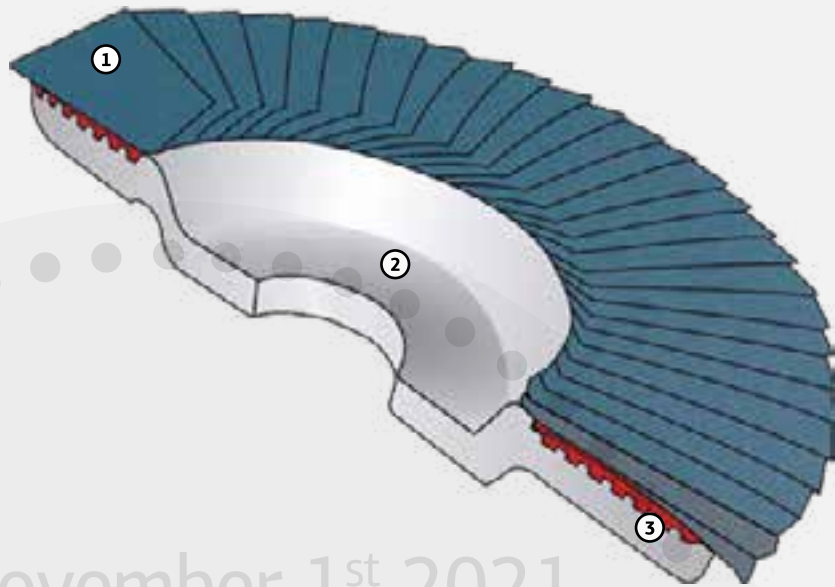
Klingspor has developed special coated abrasives for its abrasive mop discs. The grinding tool is perfect for use with high speed angle grinders (80 m/s) and corresponding applications. This ensures top grinding performance and long service life.

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.



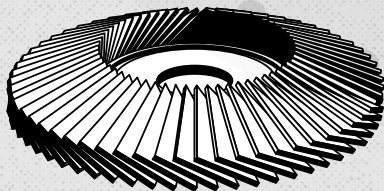
November 1st 2021

the prices increase by

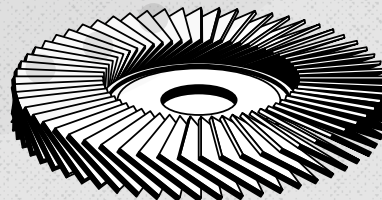
+7,9%

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

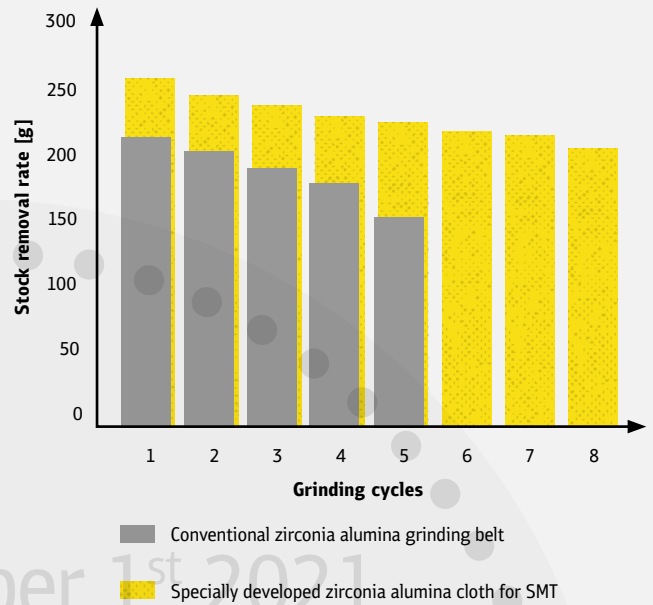


Abrasive mop discs

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 approximately 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 a 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 protectors



Do not use for wet grinding



Correctly mounted



Incorrectly mounted

Abrasive mop discs

SMT programme



		Steel / NF metals	Steel / INOX		Service life	Stainless Steel	
		Aggression	Aggression			Aggression	
SPECIAL	Type:		SMT 924		SMT 925	SMT 926	SMT 996
	Aggression:		■■■■■■■■		■■■■■■■■	■■■■■■■■□	■■■■■■■■
	Service life:		■■■■■■■■		■■■■■■■■□	■■■■■■■■	■■■■■■■■□
	Backing plate:		Glass fibre		Plastic	Glass fibre	Glass fibre
	Form:		convex (6°)		convex (12°) / flat	convex (6°)	convex (6°) / flat
SUPRA	Type:		SMT 644				
	Aggression:		■■■■■■■■□				
	Service life:		■■■■■■■■□				
	Backing plate:		Glass fibre				
	Form:		convex (12°) / flat				
EXTRA	Type:	SMT 314	SMT 324	SMT 624	SMT 628	SMT 626	SMT 636
	Aggression:	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□
	Service life:	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□	■■■■■■□□
	Backing plate:	Glass fibre	Glass fibre	Glass fibre	Glass fibre	Glass fibre	Glass fibre
	Form:	convex (12°)	convex (12°) / flat	convex (12°)	flat	convex (6°)	convex (6°) / flat
EXTRA	Type:			SMT 325			
	Aggression:			■■■■■■□□			
	Service life:			■■■■■■□□			
	Backing plate:			Plastic			
	Form:			convex (12°) / flat			

From November 1st 2021
the prices increase by

20%

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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group											
115 x 22,23		36	80 m/s	13300 rpm	10	322808	3,31 €	10											
115 x 22,23		40	80 m/s	13300 rpm	10	322809	3,31 €	10											
115 x 22,23		60	80 m/s	13300 rpm	10	322811	3,31 €	10											
115 x 22,23		80	80 m/s	13300 rpm	10	322812	3,31 €	10											
115 x 22,23		120	80 m/s	13300 rpm	10	322813	3,31 €	10											
125 x 22,23		36	80 m/s	12200 rpm	10	322814	3,91 €	10											
125 x 22,23		40	80 m/s	12200 rpm	10	322815	3,91 €	10											
125 x 22,23		60	80 m/s	12200 rpm	10	322817	3,91 €	10											
125 x 22,23		80	80 m/s	12200 rpm	10	322818	3,91 €	10											
125 x 22,23		120	80 m/s	12200 rpm	10	322819	3,91 €	10											
180 x 22,23		40	80 m/s	8500 rpm	10	322821	7,61 €	10											
180 x 22,23		60	80 m/s	8500 rpm	10	322822	7,61 €	10											
180 x 22,23		80	80 m/s	8500 rpm	10	322823	7,61 €	10											

Recommended prices.

Abrasive mop disc

SMT 324 EXTRA



Class	EXTRA
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □ □

Applications:	
Stainless steel	●
Steel	●



Properties	
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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group											
115 x 22,23		40	80 m/s	13300 rpm	10	321509	2,65 €	10											
115 x 22,23		60	80 m/s	13300 rpm	10	321511	2,65 €	10											
115 x 22,23		80	80 m/s	13300 rpm	10	321513	2,65 €	10											
115 x 22,23		40	80 m/s	13300 rpm	10	321645	2,65 €	10											
115 x 22,23		60	80 m/s	13300 rpm	10	321647	2,65 €	10											
115 x 22,23		80	80 m/s	13300 rpm	10	321649	2,65 €	10											
125 x 22,23		40	80 m/s	12200 rpm	10	321510	3,12 €	10											
125 x 22,23		60	80 m/s	12200 rpm	10	321512	3,12 €	10											
125 x 22,23		80	80 m/s	12200 rpm	10	321514	3,12 €	10											
125 x 22,23		40	80 m/s	12200 rpm	10	321646	3,12 €	10											
125 x 22,23		60	80 m/s	12200 rpm	10	321648	3,12 €	10											
125 x 22,23		80	80 m/s	12200 rpm	10	321650	3,12 €	10											

Recommended prices.

Abrasive mop discs

Abrasive mop disc

SMT 325 EXTRA



XLOCK



Class	EXTRA
Aggression	■■■■■□□
Service life	■■■■■□□□

Applications:	
Stainless steel	●
Steel	●

Properties	
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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group												
115 x 22,23		40	80 m/s	13300 rpm	10	321659	2,65 €	10												
115 x 22,23		60	80 m/s	13300 rpm	10	321661	2,65 €	10												
115 x 22,23		80	80 m/s	13300 rpm	10	321663	2,65 €	10												
115 x 22,23		40	80 m/s	13300 rpm	10	321653	2,65 €	10												
115 x 22,23		60	80 m/s	13300 rpm	10	321655	2,65 €	10												
115 x 22,23		80	80 m/s	13300 rpm	10	321657	2,65 €	10												
115 x 22,23 X-LOCK		40	80 m/s	13300 rpm	10	351281	5,66 €	10												
115 x 22,23 X-LOCK		60	80 m/s	13300 rpm	10	351280	5,66 €	10												
115 x 22,23 X-LOCK		80	80 m/s	13300 rpm	10	351279	5,66 €	10												
125 x 22,23		40	80 m/s	12200 rpm	10	321660	3,12 €	10												
125 x 22,23		60	80 m/s	12200 rpm	10	321662	3,12 €	10												
125 x 22,23		80	80 m/s	12200 rpm	10	321664	3,12 €	10												
125 x 22,23		40	80 m/s	12200 rpm	10	321654	3,12 €	10												
125 x 22,23		60	80 m/s	12200 rpm	10	321656	3,12 €	10												
125 x 22,23		80	80 m/s	12200 rpm	10	321658	3,12 €	10												
125 x 22,23 X-LOCK		40	80 m/s	12200 rpm	10	351278	6,70 €	10												
125 x 22,23 X-LOCK		60	80 m/s	12200 rpm	10	351277	6,70 €	10												
125 x 22,23 X-LOCK		80	80 m/s	12200 rpm	10	351276	6,70 €	10												

Recommended prices.

Abrasive mop disc

SMT 624 SUPRA



Class	SUPRA
Aggression	■ ■ ■ ■ ■ ■ ■ □
Service life	■ ■ ■ ■ ■ □ □

Applications:	
Stainless steel	●
Steel	●



Properties	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°

Advantages: Aggressive stock removal rate and comfortable grinding behaviour - 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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group												
100 x 16		36	80 m/s	15300 rpm	10	322758	3,03 €	10												
100 x 16		40	80 m/s	15300 rpm	10	322759	3,03 €	10												
100 x 16		60	80 m/s	15300 rpm	10	322760	3,03 €	10												
100 x 16		80	80 m/s	15300 rpm	10	322761	3,03 €	10												
100 x 16		120	80 m/s	15300 rpm	10	322762	3,03 €	10												
115 x 22,23		36	80 m/s	13300 rpm	10	322764	3,15 €	10												
115 x 22,23		40	80 m/s	13300 rpm	10	322765	3,15 €	10												
115 x 22,23		50	80 m/s	13300 rpm	10	322766	3,15 €	10												
115 x 22,23		60	80 m/s	13300 rpm	10	322767	3,15 €	10												
115 x 22,23		80	80 m/s	13300 rpm	10	322768	3,15 €	10												
115 x 22,23		120	80 m/s	13300 rpm	10	322769	3,15 €	10												
125 x 22,23		36	80 m/s	12200 rpm	10	322771	3,72 €	10												
125 x 22,23		40	80 m/s	12200 rpm	10	322772	3,72 €	10												
125 x 22,23		50	80 m/s	12200 rpm	10	322773	3,72 €	10												
125 x 22,23		60	80 m/s	12200 rpm	10	322774	3,72 €	10												
125 x 22,23		80	80 m/s	12200 rpm	10	322775	3,72 €	10												
125 x 22,23		120	80 m/s	12200 rpm	10	322776	3,72 €	10												
150 x 22,23		40	80 m/s	10200 rpm	10	322778	6,30 €	10												
150 x 22,23		60	80 m/s	10200 rpm	10	322779	6,30 €	10												
150 x 22,23		80	80 m/s	10200 rpm	10	322780	6,30 €	10												
180 x 22,23		36	80 m/s	8500 rpm	10	322782	7,25 €	10												
180 x 22,23		40	80 m/s	8500 rpm	10	322783	7,25 €	10												
180 x 22,23		60	80 m/s	8500 rpm	10	322785	7,25 €	10												
180 x 22,23		80	80 m/s	8500 rpm	10	322786	7,25 €	10												
180 x 22,23		120	80 m/s	8500 rpm	10	322787	7,25 €	10												

Recommended prices.

Abrasive mop discs

Abrasive mop disc

SMT 628 SUPRA



Class	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□□

Applications:	
Stainless steel	●
Steel	●



Properties	
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																				
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group												
115 x 22,23	■■■■■	36	80 m/s	13300 rpm	10	322789	3,40 €	10												
115 x 22,23	■■■■■	40	80 m/s	13300 rpm	10	322790	3,40 €	10												
115 x 22,23	■■■■■	60	80 m/s	13300 rpm	10	322792	3,40 €	10												
115 x 22,23	■■■■■	80	80 m/s	13300 rpm	10	322793	3,40 €	10												
115 x 22,23	■■■■■	120	80 m/s	13300 rpm	10	322794	3,40 €	10												
125 x 22,23	■■■■■	36	80 m/s	12200 rpm	10	322795	4,02 €	10												
125 x 22,23	■■■■■	40	80 m/s	12200 rpm	10	322796	4,02 €	10												
125 x 22,23	■■■■■	60	80 m/s	12200 rpm	10	322798	4,02 €	10												
125 x 22,23	■■■■■	80	80 m/s	12200 rpm	10	322799	4,02 €	10												
125 x 22,23	■■■■■	120	80 m/s	12200 rpm	10	322800	4,02 €	10												
180 x 22,23	■■■■■	36	80 m/s	8500 rpm	10	322802	7,83 €	10												
180 x 22,23	■■■■■	40	80 m/s	8500 rpm	10	322803	7,83 €	10												
180 x 22,23	■■■■■	60	80 m/s	8500 rpm	10	322805	7,83 €	10												
180 x 22,23	■■■■■	80	80 m/s	8500 rpm	10	322806	7,83 €	10												

Recommended prices.

Abrasive mop disc

SMT 626 SUPRA



Class	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□



Applications:	
Stainless steel	●
Steel	●



Properties	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 6°

Advantages: High material removal rates - 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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group											
115 x 22,23		36	80 m/s	13300 rpm	10	321686	3,53 €	10											
115 x 22,23		40	80 m/s	13300 rpm	10	321689	3,53 €	10											
115 x 22,23		50	80 m/s	13300 rpm	10	321692	3,53 €	10											
115 x 22,23		60	80 m/s	13300 rpm	10	321694	3,53 €	10											
115 x 22,23		80	80 m/s	13300 rpm	10	321697	3,53 €	10											
115 x 22,23		120	80 m/s	13300 rpm	10	321683	3,53 €	10											
125 x 22,23		36	80 m/s	12200 rpm	10	321687	4,17 €	10											
125 x 22,23		40	80 m/s	12200 rpm	10	321690	4,17 €	10											
125 x 22,23		50	80 m/s	12200 rpm	10	321693	4,17 €	10											
125 x 22,23		60	80 m/s	12200 rpm	10	321695	4,17 €	10											
125 x 22,23		80	80 m/s	12200 rpm	10	321698	4,17 €	10											
125 x 22,23		120	80 m/s	12200 rpm	10	321684	4,17 €	10											
180 x 22,23		36	80 m/s	8500 rpm	10	321688	8,12 €	10											
180 x 22,23		40	80 m/s	8500 rpm	10	321691	8,12 €	10											
180 x 22,23		60	80 m/s	8500 rpm	10	321696	8,12 €	10											
180 x 22,23		80	80 m/s	8500 rpm	10	321699	8,12 €	10											

Recommended prices.

Abrasive mop discs

Abrasive mop disc, multibond

SMT 636 SUPRA



Class	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:	Stainless steel ●
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Properties	
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
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 22,23		40	80 m/s	13300 rpm	10	322826	4,63 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	322827	4,63 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	322828	4,63 €	10																
125 x 22,23		40	80 m/s	12200 rpm	10	322831	5,47 €	10																
125 x 22,23		60	80 m/s	12200 rpm	10	322832	5,47 €	10																
125 x 22,23		80	80 m/s	12200 rpm	10	322833	5,47 €	10																
180 x 22,23		40	80 m/s	8500 rpm	10	322836	10,66 €	10																

Abrasive mop disc

SMT 644 SUPRA



Class	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:	Steel ● Stainless steel ●
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Properties	
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
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 22,23		40	80 m/s	13300 rpm	10	329993	3,53 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	329994	3,53 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	329995	3,53 €	10																
115 x 22,23		40	80 m/s	13300 rpm	10	329989	3,53 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	329990	3,53 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	329991	3,53 €	10																

Recommended prices.



►► Continuation of SMT 644, Abrasive mop disc

Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 22,23		40	80 m/s	12200 rpm	10	330005	4,17 €	10
125 x 22,23		60	80 m/s	12200 rpm	10	330006	4,17 €	10
125 x 22,23		80	80 m/s	12200 rpm	10	330007	4,17 €	10
125 x 22,23		120	80 m/s	12200 rpm	10	330008	4,17 €	10
125 x 22,23		40	80 m/s	12200 rpm	10	329997	4,17 €	10
125 x 22,23		60	80 m/s	12200 rpm	10	330002	4,17 €	10
125 x 22,23		80	80 m/s	12200 rpm	10	330003	4,17 €	10

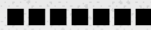
Abrasive mop disc

SMT 645 SUPRA



Class SUPRA

Aggression 

Service life 

Applications:

Stainless steel ●

Steel ●



Properties

Grain Zirconia alumina




Backing plate Plastic, glass-fibre reinforced

Design Flat

Advantages: High edge stability - Very good removal rate also on low power angle grinders - Long service life due to double grinding flaps

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 in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		40	80 m/s	13300 rpm	10	278590	5,36 €	10
115 x 22,23		60	80 m/s	13300 rpm	10	278591	5,36 €	10
115 x 22,23		80	80 m/s	13300 rpm	10	278592	5,36 €	10

Recommended prices.

Abrasive mop discs

Abrasive mop disc

SMT 924 SPECIAL



Class	SPECIAL
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

Applications:	
Stainless steel	●
Steel	●



Properties	
Grain	Ceramic Al. 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
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 22,23		40	80 m/s	13300 rpm	10	322862	4,64 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	322863	4,64 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	322864	4,64 €	10																
125 x 22,23		40	80 m/s	12200 rpm	10	322867	5,48 €	10																
125 x 22,23		60	80 m/s	12200 rpm	10	322868	5,48 €	10																
125 x 22,23		80	80 m/s	12200 rpm	10	322869	5,48 €	10																

Abrasive mop disc

SMT 925 SPECIAL



Class	SPECIAL
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

Applications:	
Stainless steel	●
Steel	●



Properties	
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
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 22,23		40	80 m/s	13300 rpm	10	321714	5,79 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	321715	5,79 €	10																
115 x 22,23		36	80 m/s	13300 rpm	10	321668	5,79 €	10																
115 x 22,23		40	80 m/s	13300 rpm	10	321670	5,79 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	321674	5,79 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	321677	5,79 €	10																
125 x 22,23		40	80 m/s	12200 rpm	10	321719	6,83 €	10																

Recommended prices.



Abrasive mop discs



►► Continuation of SMT 925, Abrasive mop disc

Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 22,23		60	80 m/s	12200 rpm	10	321720	6,83 €	10
125 x 22,23		80	80 m/s	12200 rpm	10	321721	6,83 €	10
125 x 22,23		40	80 m/s	12200 rpm	10	321671	6,83 €	10
125 x 22,23		60	80 m/s	12200 rpm	10	321675	6,83 €	10
125 x 22,23		80	80 m/s	12200 rpm	10	321678	6,83 €	10
180 x 22,23		24	80 m/s	8500 rpm	5	321667	13,32 €	10
180 x 22,23		36	80 m/s	8500 rpm	5	321669	13,32 €	10
180 x 22,23		40	80 m/s	8500 rpm	5	321672	13,32 €	10
180 x 22,23		60	80 m/s	8500 rpm	5	321676	13,32 €	10

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:

Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23		40	80 m/s	13300 rpm	10	321703	4,41 €	10
115 x 22,23		60	80 m/s	13300 rpm	10	321706	4,41 €	10
115 x 22,23		80	80 m/s	13300 rpm	10	321708	4,41 €	10
125 x 22,23		40	80 m/s	12200 rpm	10	321704	5,21 €	10
125 x 22,23		60	80 m/s	12200 rpm	10	321707	5,21 €	10
125 x 22,23		80	80 m/s	12200 rpm	10	321709	5,21 €	10
180 x 22,23		40	80 m/s	8500 rpm	10	321705	10,15 €	10

Recommended prices.

Abrasive mop discs

Abrasive mop disc, multibond

SMT 996 SPECIAL



Class	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
Diameter x Bore in mm	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group																
115 x 22,23		40	80 m/s	13300 rpm	10	322849	4,89 €	10																
115 x 22,23		60	80 m/s	13300 rpm	10	322850	4,89 €	10																
115 x 22,23		80	80 m/s	13300 rpm	10	322851	4,89 €	10																
125 x 22,23		40	80 m/s	12200 rpm	10	322852	5,77 €	10																
125 x 22,23		60	80 m/s	12200 rpm	10	322853	5,77 €	10																
125 x 22,23		80	80 m/s	12200 rpm	10	322854	5,77 €	10																

From November 1st 2021 the prices increase by +7,9%

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %



From November 2020
Images released by



Kronenflex® cutting-off wheels and grinding discs

About the product

As the inventor of the high speed cutting-off wheel, it is only natural that we strive to continually develop and improve our Kronenflex® products.

Kronenflex® cutting-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
- ▶ Stone
- ▶ Plastics
- ▶ Mineral materials
- ▶ Pipes
- ▶ Flat irons
- ▶ Tins
- ▶ Solid materials

Typical applications for these products

- ▶ Bodywork
- ▶ Maintenance and repair work
- ▶ Locksmiths
- ▶ Steelwork
- ▶ Plant construction
- ▶ Container construction
- ▶ Upkeep
- ▶ Metal works
- ▶ Vehicle construction
- ▶ Foundries
- ▶ Shipyards

Kronenflex® cutting-off wheels

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2,0–3,2 mm	264
Large cutting-off wheels	272

Kronenflex® grinding discs

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Kronenflex® cutting-off wheels and grinding discs

Application guides

1. EAN code (EAN 13)
2. Safety pictograms
3. Max. operating speed
4. Klingspor cat. number
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® cutting-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 attractive price-performance ratio.



SUPRA

Optimised 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® cutting-off wheels and grinding discs

Application guides



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 grit 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, sheer strength and can be adjusted to meet the needs of the specific application.



3. Metal ring

Provides information on the expiry date of the disc.

4. Glass fibre

Glass fibre is a reinforcing layer to ensure stability and increases the safety of the cutting-off wheel. The number and strength of the glass fibre layers is dependent upon the disc type and application. The higher the potential lateral load on a cutting-off wheel (it is greater during free cutting than during stationary cutting), the more glass fibre that the cutting disc must contain, or the contained glass fibre must be more stable. Particularly thin material is used for thin cutting discs, (0.8 mm to 1.0 mm), to ensure that a large grit ratio is achieved between the layers. Grinding discs are constructed with at least 3 glass fibre layers.

Klingspor cutting-off wheel and grinding disc colour coding system

Metal universal

Grey



Stainless steel

Blue



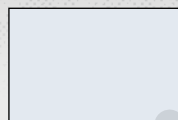
Steel

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



Packaged in units of 25 pcs each in the Kronenflex® tub for consistently high performance and protection from moisture

Kronenflex® cutting-off wheels and grinding discs

Application guides



Quarter	
V 01	January-March
V 04	April-June
V 07	July-September
V 10	October-December

From November 1st 2021

Safety and storage

The shelf life of cutting-off wheels and grinding discs is primarily determined by their moisture content. Cutting-off wheels and grinding discs that are subjected to increased humidity after they were manufactured lose their original service life. Correct storage ensures a consistent long service life. Cutting-off wheels and grinding discs that are subjected to water or steam are a safety risk. The user is obligated to use the product correctly. Cutting-off wheels and grinding discs should not be used past the expiry date.

Working safely

By being careful and recognising risks

Please avoid the risks listed below when working with cutting-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 cutting-off wheel and grinding disc for damage. If the cutting-off wheel or grinding disc is damaged, do not use the damaged product. Our cutting-off wheels and grinding discs are marked with the corresponding safety pictograms.

Through correct use

Ensure that the respective disc is being used correctly. Avoid damage to the mounting bore or to the disc through jerks, excessive force, or falls. Ensure that the disc is correctly 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 cutting-off and grinding disc results.

The optimal speed

Too low

If the RPM of the machine is too low, the cutting-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 speed is above average.

Optimal

Klingspor cutting-off wheels and grinding discs are high performance products and were developed such that best disc performance (measured by 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 correct grinding pressure

An important requirement for a satisfactory cutting result is the correct 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 cutting-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

Cutting-off wheels

Generally, the rule of thumb when selecting the correct cutting-off wheel is the harder the material, the softer the abrasive bond. The reason being the service life of a cutting-off wheel is dependent on whether the cutting surface of the workpiece 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 cutting-off wheel should be used.

Grinding discs

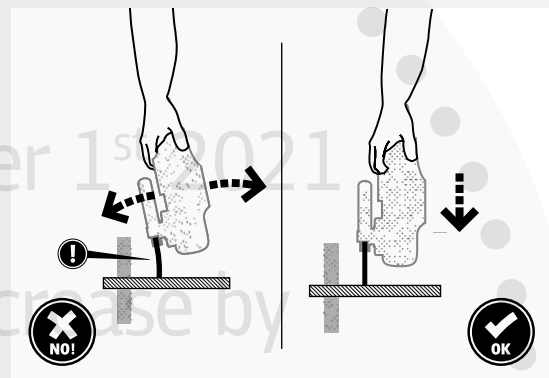
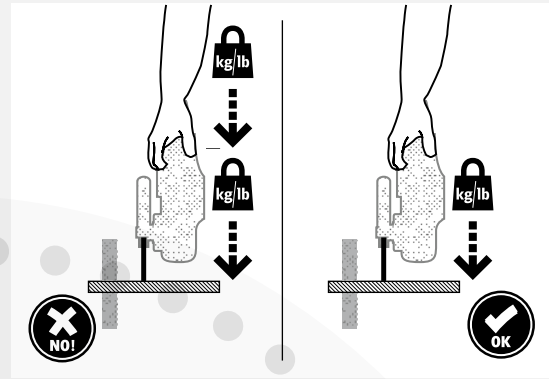
The rule of thumb also applies to grinding discs; the harder the material, the softer the grinding disc bond. In addition, the application plays a decisive role. Corner grinding and the grinding of burrs and sharp edges can cause grit to be removed from the bond. We suggest the selection of a hard bond. 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® cutting-off wheels and grinding discs

Application guides

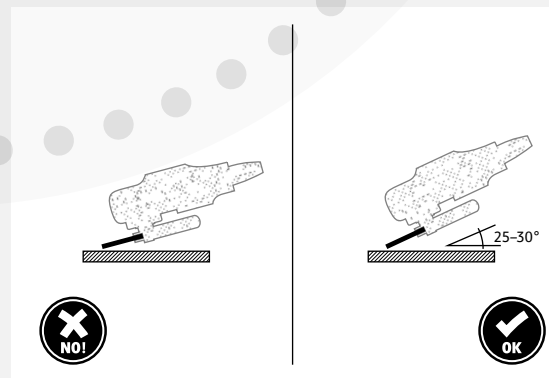
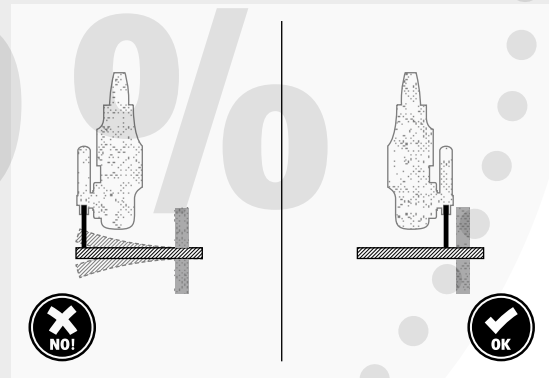
Correct application/techniques for cutting-off

Pressure may only be placed on the cutting-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.



The correct mount

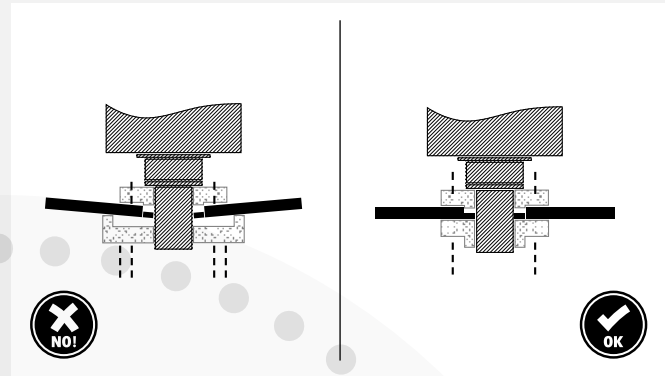
For better power transmission

Cutting-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.

For more safety

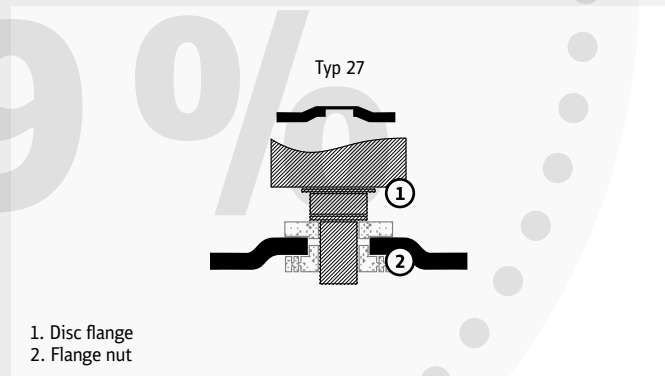
The use of wheel flange FL 76 provides increased lateral stability and user control, specifically when using thin cutting-off wheels with a flat form and diameter of 180 mm and 230 mm.

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.



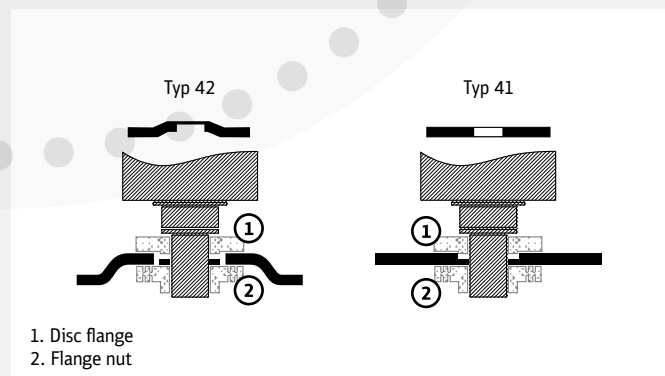
Depressed centre grinding discs

4 - 10 mm thickness



Flat and depressed centre cutting-off wheels

0.8 - 4 mm thickness



Kronenflex® cutting-off wheels and grinding discs

Application guides

Recognise and avoid errors

	Issue	Possible cause	Solution
Cutting-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	
	Cutting-off wheel is used for grinding	Cutting-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	
	Cutting-off wheel is used for grinding	Cutting-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 cutting-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 centred	Check bore diameter and mounting diameter and adjust accordingly	
	Mounting shaft is worn	Replace machine	
	Mounting flange is worn / dirty / incorrect	Replace / clean mounting flange / check dimensions	
	Disc wobbles	Use a new disc	

What the type designation reveals about the design of cutting-off wheels and grinding discs

The type designation given on a cutting-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 cutting-off wheel or grinding disc.

Grit type	Performance class	Grit size according to FEPA standard	Hardness	Performance class
A Aluminium oxide	3 EXTRA	16	M soft	EXTRA
C Silicon carbide	6 SUPRA	24	N	SUPRA
Z Zirconia alumina	9 SPECIAL	30	R	SPECIAL
		36	S	
		46	T hard	
		60		
		80		

From November 1st 2021 the prices increase by +7,9%

Explained by example of the Z 960 TX cutting-off wheel

Grit type	Performance class	Grit size according to FEPA standard	Hardness	Performance class
Z Zirconia alumina	9 SPECIAL	60	TX hard	SPECIAL

The safe use of Klingspor abrasives

Klingspor Kronenflex cutting-off wheels and grinding discs are manufactured in accordance with the oSa and EN 12413 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 protectors



Do not use for wet grinding



Not permitted for grinding



Do not use if damaged

Kronenflex® cutting-off wheels

0,8 – 1,2 mm

About the product

Klingspor Kronenflex® cutting-off wheels with a disc thickness of 0,8 to 1,2 mm are very thin cutting-off wheels with very short cutting times and minimal burr formation.

These cutting-off wheels develop their full power when working on thin-walled materials and are known for their precise, accurate and fast cuts at lowest thermal loads. Due to the cutting-off wheels' excellent cutting properties the weight of the machine itself provides suitable grinding pressure.

Klingspor Kronenflex® cutting-off wheels of the 0,8 to 1,2 mm class are known for their high level of safety, efficiency and productivity.

Typical materials for these products

- ▶ Steel
- ▶ Stainless steel
- ▶ Cast materials
- ▶ Construction steel
- ▶ NF metals
- ▶ Thin-walled profiles
- ▶ Thin tins
- ▶ Thin pipes
- ▶ Corrugated sheeting
- ▶ Flat irons
- ▶ Cable ducts
- ▶ Steel cables

Typical applications for these products

- ▶ Bodywork
- ▶ Maintenance and repair work
- ▶ Locksmiths
- ▶ Steelwork
- ▶ Plant construction
- ▶ Container construction
- ▶ Upkeep
- ▶ Metal works
- ▶ Vehicle construction

Material applications

Type	Thickness [mm]	Steel	Hardened steel	Tool steel	Stainless steel	High alloy steel	Corrosion and acid proof steels	Aluminium	Bronze	Copper	Brass	Zinc die-casting	Cast iron	Page
A 980 TZ SPECIAL	0,8	●	●	●	●	●	●	●	○	○	○	○	○	253
A 60 EXTRA	1,0	●	○	○	●	○	○	○	○	○	○	○	○	253
A 660 R SUPRA	1,0	●	●	●	●	○	○	○	○	○	○	○	○	255
A 60 TZ SPECIAL INOX	1,0	●	●	●	●	●	●	○	○	○	○	●	○	256
A 960 TZ SPECIAL	1,0	●	●	●	●	●	●	○	○	○	○	●	○	257
A 60 N SUPRA	1,0	○	○	○	○	○	○	●	●	●	●	○	○	255
K 960 TX SPECIAL	1,0	●	●	●	●	●	●	○	○	○	○	●	●	257
Z 960 TX SPECIAL	1,0	●	●	●	●	●	●	○	○	○	○	●	○	258
EDGE SPECIAL	1,2	●	●	●	●	●	●	●	○	○	○	●	○	258
A 660 R SUPRA Small cutting-off wheel	1,0–1,6	●	●	●	○	○	○	○	○	○	○	○	○	259

● = main application ○ = possible applications

Kronenflex® Tub

Due to climatic influences in the first weeks after production, cutting discs usually lose significant performance. In order for you to be able to appreciate all benefits of our newly developed product, it comes in the airtight Kronenflex® tub.

In comparison with carton packaging the discs stay fresh much longer and gain up to 40% more performance.



Kronenflex® cutting-off wheels 0,8 - 1,2 mm for hand held machines



Cutting-off wheels

Cutting-off wheel INOX

A 980 TZ SPECIAL



Class	SPECIAL	Applications:
Bond	■■■■■■■□	Stainless steel ●
Aggression	■■■■■■■□	Steel ●
Service life	■■■■■■■□	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® box for long-lasting high performance and moisture protection

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 0,8 x 22,23		80 m/s	13300 rpm	25	322182	2,05 €	11
125 x 0,8 x 22,23		80 m/s	12200 rpm	25	322183	2,36 €	11

Cutting-off wheel

A 60 EXTRA



Class	EXTRA	Applications:
Bond	■■■■■■■□	Stainless steel ●
Aggression	■■■■■■■□	Metals ●
Service life	■■■■■■■□	

Advantages: Minimal burr formation - Low thermal load - Very good price-performance ratio

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23		80 m/s	13300 rpm	25	262936	1,12 €	11
125 x 1 x 22,23		80 m/s	12200 rpm	25	262937	1,28 €	11

Recommended prices.

Kronenflex® cutting-off wheels 0,8 - 1,2 mm

for hand held machines

Cutting-off wheel

A 60 EXTRA



Class	EXTRA
Bond	■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:	
Stainless steel	●
Metals	●

Advantages: Minimal burr formation - Low thermal load - Very good price-performance ratio - 10 pieces in a tin with viewing window

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/tin	Cat. number	Price/tin €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	10 discs	310499	11,90 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	10 discs	310500	13,57 €	11

Minimum order quantity = 5 tins

Cutting-off wheel

A 60 EXTRA



Class	EXTRA
Bond	■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:	
Stainless steel	●
Metals	●

Advantages: Minimal burr formation - Low thermal load - Very good price-performance ratio - 5 tins in a sales display

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/display	Cat. number	Price/tin €	Discount group
125 x 1 x 22,23	—	80 m/s	12200 rpm	5 tins with 10 discs	312031	13,57 €	11

Recommended prices.

Kronenflex® cutting-off wheels 0,8 - 1,2 mm for hand held machines



Cutting-off wheels

Cutting-off wheel

A 60 N SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Aluminium ●
Aggression	■ ■ ■ ■ ■ □ □ □	Steel ○
Service life	■ ■ ■ ■ ■ □ □ □	

Advantages: Special combination prevents smearing and clogging - Minimal burr formation

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23		80 m/s	13300 rpm	25	264297	1,56 €	11
125 x 1 x 22,23		80 m/s	12200 rpm	25	264298	1,78 €	11

Cutting-off wheel INOX

A 660 R SUPRA



Fe-Si-CI
<0,1%

Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Stainless steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Steel ●
Service life	■ ■ ■ ■ ■ □ □ □	

Advantages: Minimal burr formation - Low thermal load - Highest cutting performance

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23		80 m/s	13300 rpm	25	328905	1,37 €	11
125 x 1 x 22,23		80 m/s	12200 rpm	25	328906	1,60 €	11

Recommended prices.

Kronenflex® cutting-off wheels 0,8 - 1,2 mm

for hand held machines

Cutting-off wheel

A 60 TZ SPECIAL



Class	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:	
Stainless steel	●
Steel	●
NF metals	⦿

Advantages: Free of iron, sulfur and chlorine - Short cutting times - Minimal burr formation - Low thermal load

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 1 x 16	—	80 m/s	15300 rpm	25	202402	1,63 €	11
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	202401	1,66 €	11
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	233741	1,66 €	11
115 x 1 x 22,23 X-LOCK	—	80 m/s	13300 rpm	25	351259	2,57 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	202401	1,88 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	233742	1,88 €	11
125 x 1 x 22,23 X-LOCK	—	80 m/s	12200 rpm	25	351258	2,90 €	11

Cutting-off wheel

A 60 TZ SPECIAL



Class	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:	
Stainless steel	●
Steel	●
NF metals	⦿

Advantages: Free of iron, sulphur and chlorine - Fast cutting - Minimal burr formation - Low thermal load - 10 pieces in a tin with viewing window

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/tin	Cat. number	Price/tin €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	10 discs	310503	17,26 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	10 discs	310504	19,63 €	11

Minimum order quantity = 5 tins

Recommended prices.

Kronenflex® cutting-off wheels 0,8 - 1,2 mm

for hand held machines



Cutting-off wheels

Cutting-off wheel INOX

A 960 TZ SPECIAL



Class	SPECIAL
Bond	■■■■■■■■■
Aggression	■■■■■■■■□
Service life	■■■■■■■■■

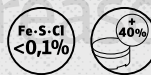
Applications:	
Stainless steel	●
Steel	●

Advantages: Free of iron, sulphur 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® box for long lasting high performance and moisture protection

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	322180	1,77 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	322181	2,03 €	11

Ceramic cutting-off wheel

K 960 TX SPECIAL



CERAMIC !

Class	SPECIAL
Bond	■■■■■■■■■
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

Applications:	
Steel	●
Stainless steel	●
High alloy steel	●
Carbon steel	●
Titanium	●

Advantages: Free of iron, sulfur and chlorine - Outstanding performance in daily use - Highest cutting performance, even with low grinding pressure - 25 pieces delivered in the Kronenflex® box for long lasting high performance and moisture protection

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	328885	2,45 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	328886	2,84 €	11

Recommended prices.

Kronenflex® cutting-off wheels 0,8 - 1,2 mm

for hand held machines

Cutting-off wheel INOX

Z 960 TX SPECIAL



ZIRCONIUM !

Class SPECIAL

Applications:

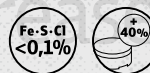
Bond	■■■■■■■■■	Stainless steel	●
Aggression	■■■■■■■■■	Alloys	●
Service life	■■■■■■■■■	Carbon steel	●
		Titanium	●

Advantages: Free of iron, sulphur 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® box for long lasting high performance and moisture protection

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	25	322184	1,96 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	25	322185	2,27 €	11

Cutting-off wheel

EDGE SPECIAL



NEW !

Class

Applications:

Bond	■■■■■■■■■	Stainless steel	●
Aggression	■■■■■■■■□	Steel	●
Service life	■■■■■■■■■	Aluminium	●

Advantages: High-performance cutting-off wheel with self-sharpening abrasive grain - Great cutting performance combined with a long service life - Wide range of applications - Packaged in units of 25 in the Kronenflex Box® to preserve maximum performance and protect against moisture

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1,2 x 22,23	—	80 m/s	13300 rpm	25	355380	2,20 €	11
125 x 1,2 x 22,23	—	80 m/s	12200 rpm	25	355379	2,48 €	11

Recommended prices.

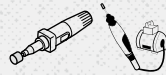
Kronenflex® small cutting-off wheels for hand held machines



Cutting-off wheels

Small cutting-off wheel

A 660 R SUPRA



Fe-S-Cl
<0,1%

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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 1 x 6	—	100 m/s	38200 rpm	100	329096	1,09 €	11
50 x 1 x 10	—	100 m/s	38200 rpm	100	329097	1,09 €	11
76 x 1 x 6	—	100 m/s	25200 rpm	100	329098	1,16 €	11
76 x 1 x 10	—	100 m/s	25200 rpm	100	329099	1,16 €	11
76 x 1,6 x 6	—	100 m/s	25200 rpm	100	329100	1,16 €	11
76 x 1,6 x 10	—	100 m/s	25200 rpm	100	329101	1,16 €	11
100 x 1 x 6	—	100 m/s	19000 rpm	25	329102	1,23 €	11
100 x 1 x 10	—	100 m/s	19000 rpm	25	329103	1,23 €	11

Fixing spindle

SD 660



Advantages: Fixing spindle for clamping on the small A 660 R cutting blades onto straight grinders, flexible shafts, and drilling machines - Fits 6 and 10 mm holes

Diameter in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6	6 and 10 mm bore	1	337156	31,02 €	14

Recommended prices.

Kronenflex® cutting-off wheels

1,6 – 1,9 mm

About the product

Klingspor Kronenflex® cutting-off wheels with a disc thickness of 1,6 to 1,9 mm combine excellent cutting properties with a high degree of lateral stability.

These wheels provide convincing arguments especially in day-to-day applications when working on materials with medium-strength cross sections. They are known for their short cutting time, good stability and minimal burr formation.

These advantages in connection with the wide range of applications make Klingspor Kronenflex cutting wheels of the 1,6 to 1,9 mm class the highest performing universal wheel for daily use in metalworking.

Typical materials for these products

- ▶ Steel
- ▶ Stainless steel
- ▶ Construction steel
- ▶ NF metals
- ▶ Cast materials
- ▶ Pipes
- ▶ Flat iron
- ▶ Tins
- ▶ Solid materials

Typical applications for these products

- ▶ Locksmiths
- ▶ Shipyards
- ▶ Steelwork
- ▶ Plant construction
- ▶ Metal works
- ▶ Vehicle construction

From November 1st 2021
the prices increase by
+7,9 %

Material applications

Type	Thickness [mm]	Steel	Hardened steel	Tool steel	Stainless steel	High alloy steels	Corrosion and acid proof steels	Aluminium	Bronze	Copper	Brass	Die-cast aluminium	Zinc die-casting	Page
A 346 EXTRA	1,6	●	○	○	●	○	●	○	○	○	○	○	○	261
A 646 R SUPRA	1,6-1,9	●	●	○	○	●	●							261
A 46 TZ SPECIAL INOX	1,6-1,9	●	●	●	●	●	●	○	○	○	○		●	262
A 946 TZ SPECIAL	1,6-1,9	●	●	●	●	●	●	●	○	○	○	○	○	263

● = main application ○ = possible applications

Kronenflex® cutting-off wheels 1,6 - 1,9 mm for hand held machines



Cutting-off wheels

Cutting-off wheel

A 346 EXTRA



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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1,6 x 22,23	—	80 m/s	13300 rpm	25	340936	1,15 €	11
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	340938	1,31 €	11

Cutting-off wheel

A 646 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ ■ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ ■ □ □	Stainless steel ○
Service life	■ ■ ■ ■ ■ □ □ □	

Advantages: Free of iron, sulphur and chlorine - Universal use on steel and stainless steel - Cutting disc made of self-sharpening, calcined aluminum oxide - Tremendous aggressiveness when used for cutting solid steel materials

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1,6 x 22,23	—	80 m/s	13300 rpm	25	340947	1,49 €	11
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	340946	1,69 €	11
150 x 1,6 x 22,23	—	80 m/s	10200 rpm	25	340945	2,07 €	11
180 x 1,6 x 22,23	—	80 m/s	8500 rpm	25	340944	2,26 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	340943	3,26 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	340942	3,26 €	11

Recommended prices.

Kronenflex® cutting-off wheels 1,6 - 1,9 mm

for hand held machines

Cutting-off wheel INOX

A 46 TZ SPECIAL



Class	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:	
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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 1,6 x 16	—	80 m/s	15300 rpm	25	194071	1,63 €	11
115 x 1,6 x 22,23	—	80 m/s	13300 rpm	25	187170	1,66 €	11
115 x 1,6 x 22,23	—	80 m/s	13300 rpm	25	235378	1,66 €	11
115 x 1,6 x 22,23 X-LOCK	—	80 m/s	13300 rpm	25	351257	2,57 €	11
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	187171	1,88 €	11
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	235379	1,88 €	11
125 x 1,6 x 22,23 X-LOCK	—	80 m/s	12200 rpm	25	351256	2,90 €	11
150 x 1,6 x 22,23	—	80 m/s	10200 rpm	25	241472	2,33 €	11
180 x 1,6 x 22,23	—	80 m/s	8500 rpm	25	221161	2,51 €	11
180 x 1,6 x 22,23	—	80 m/s	8500 rpm	25	312257	2,51 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	224084	3,23 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	265044	3,23 €	11

Recommended prices.

Kronenflex® cutting-off wheels 1,6 - 1,9 mm for hand held machines



Cutting-off wheels

Cutting-off wheel

A 946 TZ SPECIAL



Class	SPECIAL	Applications:
Bond	■■■■■■■■■	Steel ●
Aggression	■■■■■■■■■	Stainless steel ●
Service life	■■■■■■■□	NF metals ○
		Castings ○

Advantages: Free of iron, sulfur and chlorine - Extra long service life across all applications - For universal use in metal processing - Short cutting times - Low burr formation - Low thermal load - 25 pieces delivered in the Kronenflex® box for long lasting high performance and moisture protection

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 1,6 x 22,23	—	80 m/s	13300 rpm	25	339109	1,99 €	11
125 x 1,6 x 22,23	—	80 m/s	12200 rpm	25	339110	2,25 €	11
150 x 1,6 x 22,23	—	80 m/s	10200 rpm	25	339111	2,79 €	11
180 x 1,6 x 22,23	—	80 m/s	8500 rpm	25	339112	3,00 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	339113	3,87 €	11
230 x 1,9 x 22,23	—	80 m/s	6600 rpm	25	339114	3,87 €	11

Wheel flange

FL 76



Advantages: Use of the wheel flange increases lateral stability with thin cutting-off wheels having a flat form and diameters of 180 and 230 mm

Diameter in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
76	A 46 TZ + A 646 R + A 946 TZ	1 set	236130	59,12 €	14

Recommended prices.

Kronenflex® cutting-off wheels

2,0 – 3,2 mm

About the product

Klingspor Kronenflex® cutting-off wheels with a disc thickness of 2,0 to 3,2 mm are known for their particularly high lateral stability.

This is important for applications which require deep cuts into solid material – e.g. to cut risers/casts or large profiles. The enormous lateral forces that occur while working require high cutting-off wheel stability.

Despite their thickness, Klingspor Kronenflex cutting-off wheels of the 2,0 to 3,2 mm class are known for their excellent cutting rate and long service life. These cutting-off wheels are ideal for applications that require a high degree of lateral stability.

Typical materials for these products

- ▶ Steel
- ▶ Stainless steel
- ▶ Construction steel
- ▶ NF metals
- ▶ Cast materials
- ▶ Stone
- ▶ Plastics
- ▶ Mineral materials
- ▶ Solid materials
- ▶ Pipes
- ▶ Flat irons
- ▶ Tins

Typical applications for these products

- ▶ Foundries
- ▶ Locksmiths
- ▶ Shipyards
- ▶ Steelwork
- ▶ Plant construction
- ▶ Metal works
- ▶ Maintenance and repair work

November 1st 2021
the prices increase by
+7,9%

Material applications

Type	Thickness [mm]	Steel	Hardened steels	Tool steel	Stainless steel	High alloy steels	Corrosion and acid proof steels	Aluminium	Bronze	Copper	Brass	Zinc die-casting	Cast iron	Stone / concrete	Page
A 24 EXTRA	2,0–3,2	●	○	●	○	○	○	○	○	○	○	○	○		265
A 24 R SUPRA	2,5–3,0	●	●	●	○	○	○					○	○		266
A 24 N SUPRA INOX	2,5–3,0	○	●	○	●	●	●	○	○	○	○				266
A 36 R SUPRA INOX	2,0–2,5	○	○	●	●	●	●		○	○	○				267
A 36 TZ SPECIAL INOX	2,0	○	○	●	●	●	●						○		267
A 24 R/36 SPECIAL INOX	2,5–3,0	○	○	●	●	●	●								268
A 24 TZ SPECIAL	2,5–3,0	○		○	●	●	●						○		268
A 46 N SUPRA	2,5–3,0							●	●	●	●	○			269
C 24 EXTRA	2,5–3,0													●	269
C 24 R SUPRA	2,5–3,0												○	●	270

● = main application ○ = possible applications

Kronenflex® cutting-off wheels 2,0 - 3,2 mm for hand held machines



Cutting-off wheel

A 24 EXTRA



Class	EXTRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Metals	●

XLOCK !

Advantages: Proven a million times over - Standard wheel with outstanding price-performance ratio - For universal use in metalworking - Fast cutting off of solid material

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 2,5 x 16*		80 m/s	15300 rpm	25	188998	1,02 €	11
115 x 2,5 x 22,23*		80 m/s	13300 rpm	25	242137	1,03 €	11
115 x 2,5 x 22,23*		80 m/s	13300 rpm	25	188461	1,03 €	11
115 x 2,5 x 22,23 X-LOCK*		80 m/s	13300 rpm	25	351255	1,63 €	11
115 x 3,2 x 22,23		80 m/s	13300 rpm	25	209014	1,20 €	11
125 x 2,5 x 22,23*		80 m/s	12200 rpm	25	242138	1,15 €	11
125 x 2,5 x 22,23*		80 m/s	12200 rpm	25	188463	1,15 €	11
125 x 2,5 x 22,23 X-LOCK*		80 m/s	12200 rpm	25	351254	1,85 €	11
125 x 3,2 x 22,23		80 m/s	12200 rpm	25	209016	1,38 €	11
150 x 2,5 x 22,23		80 m/s	10200 rpm	25	235375	1,40 €	11
150 x 2,5 x 22,23		80 m/s	10200 rpm	25	235374	1,40 €	11
180 x 2 x 22,23		80 m/s	8500 rpm	25	286455	1,56 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13490	1,56 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	189000	1,56 €	11
230 x 2 x 22,23		80 m/s	6600 rpm	25	286456	2,23 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13492	2,23 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	189002	2,23 €	11

* New recipe

Recommended prices.

Kronenflex® cutting-off wheels 2,0 - 3,2 mm

for hand held machines

Cutting-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

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 2,5 x 16*		80 m/s	15300 rpm	25	13754	1,18 €	11
115 x 2,5 x 22,23*		80 m/s	13300 rpm	25	13297	1,20 €	11
115 x 2,5 x 22,23*		80 m/s	13300 rpm	25	13466	1,20 €	11
125 x 2,5 x 22,23*		80 m/s	12200 rpm	25	13295	1,38 €	11
125 x 2,5 x 22,23*		80 m/s	12200 rpm	25	13738	1,38 €	11
150 x 2,5 x 22,23		80 m/s	10200 rpm	25	6667	1,70 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13456	1,86 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13470	1,86 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13464	2,65 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13478	2,65 €	11

* New recipe

Cutting-off wheel INOX

A 24 N

SUPRA



Class	SUPRA
Bond	■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ □ □ □

Applications:	
Stainless steel	●
Aluminium	○

Advantages: Special recipe prevents smearing and clogging - High removal rate on stainless steel due to hardened aluminium oxide

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	3020	1,32 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	2951	1,53 €	11
150 x 2,5 x 22,23		80 m/s	10200 rpm	25	235377	1,84 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13455	2,00 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13469	2,00 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13463	2,87 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13477	2,87 €	11

Recommended prices.

Kronenflex® cutting-off wheels 2,0 - 3,2 mm for hand held machines



Cutting-off wheels

Cutting-off wheel INOX

A 36 R SUPRA



Class	SUPRA
Bond	■ ■ ■ ■ ■ □ □ □
Aggression	■ ■ ■ ■ ■ ■ □
Service life	■ ■ ■ ■ ■ □ □

Applications:
Stainless steel ●

Advantages: Excellent cutting performance - Optimized aggression and service life

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2 x 22,23	—	80 m/s	13300 rpm	25	123208	1,40 €	11
125 x 2 x 22,23	—	80 m/s	12200 rpm	25	126849	1,64 €	11
150 x 2 x 22,23	—	80 m/s	10200 rpm	25	251752	1,98 €	11
180 x 2,5 x 22,23	—	80 m/s	8500 rpm	25	123209	2,17 €	11
230 x 2,5 x 22,23	—	80 m/s	6600 rpm	25	123833	3,12 €	11

From November 1st 2021 the prices increase by

Cutting-off wheel INOX

A 36 TZ SPECIAL



Class	SPECIAL
Bond	■ ■ ■ ■ ■ ■ □
Aggression	■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ □ □

Applications:
Stainless steel ●
Steel ○

Advantages: Very good cutting performance, even with low grinding pressure

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2 x 22,23	—	80 m/s	13300 rpm	25	136549	1,71 €	11
125 x 2 x 22,23	—	80 m/s	12200 rpm	25	136550	1,97 €	11
180 x 2 x 22,23	—	80 m/s	8500 rpm	25	136551	2,63 €	11
230 x 2 x 22,23	—	80 m/s	6600 rpm	25	136552	3,77 €	11

Recommended prices.

Kronenflex® cutting-off wheels 2,0 - 3,2 mm

for hand held machines

Cutting-off wheel INOX

A 24 TZ SPECIAL



Class	SPECIAL
Bond	■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:	
Stainless steel	●
Steel	○
Castings	○

Advantages: Optimized combination for use on stainless steel - Excellent performance

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	136554	1,62 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	136555	1,86 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	136558	2,47 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	136559	3,55 €	11

Cutting-off wheel INOX

A 24 R/36 SPECIAL



Class	SPECIAL
Bond	■ ■ ■ ■ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □

Applications:	
Stainless steel	●

Advantages: Special wheel for the nuclear industry - Free of iron, sulphur and chlorine

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	60534	1,40 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	2825	1,64 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	60537	2,17 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	60061	3,12 €	11

Recommended prices.

Kronenflex® cutting-off wheels 2,0 - 3,2 mm for hand held machines



Cutting-off wheels

Cutting-off wheel

A 46 N SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Aluminium ●
Aggression	■ ■ ■ ■ □ □ □ □	
Service life	■ ■ ■ ■ □ □ □ □	

Advantages: Special combination prevents smearing and clogging - Optimized cutting off performance on non-ferrous metals

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	170707	1,40 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	170708	1,64 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	170709	2,17 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	170710	3,12 €	11

Cutting-off wheel

C 24 EXTRA



Class	EXTRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Stone/Concrete ●
Aggression	■ ■ ■ ■ □ □ □ □	
Service life	■ ■ ■ ■ □ □ □ □	

Advantages: Universal cutting-off wheel for all mineral materials - Wide application range due to sharp, coarse SiC grit

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 2,5 x 16		80 m/s	15300 rpm	25	188999	1,06 €	11
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	242143	1,07 €	11
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	188462	1,07 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	242144	1,20 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	188464	1,20 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	13489	1,62 €	11
180 x 3 x 22,23		80 m/s	8500 rpm	25	189001	1,62 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13491	2,33 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	189003	2,33 €	11

Recommended prices.

Kronenflex® cutting-off wheels 2,0 - 3,2 mm

for hand held machines

Cutting-off wheel

C 24 R SUPRA



Class	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Stone/Concrete	●
Castings	○

Advantages: Optimal for all mineral materials due to sharp, coarse SiC grit

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2,5 x 22,23		80 m/s	13300 rpm	25	13465	1,36 €	11
125 x 2,5 x 22,23		80 m/s	12200 rpm	25	13739	1,57 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13461	2,99 €	11
230 x 3 x 22,23		80 m/s	6600 rpm	25	13475	2,99 €	11

the prices increase by

+7,9 %

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %

Kronenflex® large cutting-off wheels

About the product

Klingspor Kronenflex large cutting-off wheels are high performance, robust wheels for special uses with an outer diameter of 300 mm and more.

Their high lateral stability ensures safe operation also in connection with hard cutting applications. The optimised grits and resins are specifically created for the specific application areas. The cutting-off wheels are known for their fast cuts and low thermal material loads, as well as their long service life.

Klingspor Kronenflex large cutting-off wheels uses range from bench cutting to handheld machines, from railway construction to industrial uses on stationary machines. These products are the ideal solution if outstanding performance and a high degree of safety is what is needed.

From November 1st 2021

the prices increase by

+7,9 %

Type	Thick-ness [mm]	Machines				Material applications												Page		
		Handheld machines 80m/s	Handheld machines 100m/s	Bench chop saws	Stationary < 5KW	Steel	Hardened steels	Tool steel	Stainless steel	High alloy steels	Corrosion and acid proof steels	Aluminium	Bronze	Copper	Brass	Zinc die-casting	Cast iron		Stone / concrete	Asphalt
A 24 EXTRA	3,5	●				●	○	●	○	○	○						○			275
C 24 EXTRA	3,5	●															○	●	○	275
A 624 SX SPECIAL	3,5-4,0		●			●	●													276
A 924 R SPECIAL	3,5-4,0		●			●	●	●	●	●							○			276
A 924 SX SPECIAL	3,5-4,0		●			●	●													277
A 330 EXTRA	2,5			●		●	○	○	○	○										279
A 630 N SUPRA	2,5			●		●	○	○	○	○										279
A 930 N SPECIAL	2,5-3,5			●		●	○	○	○	○										280
A 24 R SUPRA	3,0-4,5				●	●	●	●	○	○	○						○			278
A 24 N SUPRA INOX	3,5				●	○	●	●	●	●	●	○	○	○	○	○				278

● = main application ○ = possible applications

Cutting-off wheels for different types of machines

- ▶ Handheld machines 80m/s
- ▶ Handheld machines with a clamping device for vignole rails 100m/s
- ▶ Transportable bench chop saws < 3KW
- ▶ Stationary saws / cutters up to 5KW
- ▶ Stationary saws / cutters > 5KW

Stationary cutting-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 cutting-off wheels for handheld machines are certified for 80 m/s handheld machines.

Products for railway construction with a clamping device are certified up to 100 m/s.

Products for transportable bench chop saws

Cutting-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.

Kronenflex® large cutting-off wheels

Applications guide

Which cutting-off wheel is used with which machine?

Large cutting-off wheels for stationary machines and large cutting-off wheels for handheld machines are designed differently and their build is optimised for the respective machine type. For safety reasons large cutting-off wheels for stationary machines may never be used with handheld machines.

The bore diameter of a large cutting-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 handheld machine.

A binding overview regarding which Klingspor wheel type is to be used with which machine type is provided in the table below.

Type	Ø [mm]	Thick-ness [mm]	Bore Ø [mm]	Machines	Safety				
					Max. operating speed	Application type (EN12413)			
A 24 EXTRA	300	3,5	20/22,23	general handheld machines (petrol, electric, high frequency)	80 m/s	freehand cutting			
C 24 EXTRA	300	3,5	20/22,23						
A 330 EXTRA	350	2,5	25,4	transportable bench chop saws, chop saws	80 m/s	stationary guided cutting <3 KW			
	300	2,5	25,4						
A 630 N SUPRA	350	2,5	25,4						
	400	3,2	25,4						
A 930 N SPECIAL	300	2,5	25,4	stationary saws / cutters	100 m/s	stationary guided cutting >3 KW			
	350	3,0	25,4						
A 24 R SUPRA	250	3	32						
	300	3	22,23/25,4/30/32						
	350	3,5	25,4/32						
	400	4,5	25,4/32/40						
A 24 N SUPRA	350	3,5	25,4						
A 24 R/06 SUPRA	400	4	25,4						
A 924 R SPECIAL	300	3,5	20/22,23/25,4				general handheld machines, joint cutters (petrol, electric, high frequency)	100 m/s	freehand cutting
	350	4	20/22,23/25,4						
A 624 SX SUPRA	300	3,5	22,23	Handheld grinders (petrol, electric, high frequency, hydraulic) in combination with a clamping device	100 m/s	stationary guided cutting			
	350	4	22,23/25,4						
	400	4	25,4						
A 924 SX SPECIAL	300	3,5	22,23						
	350	4	22,23/25,4						
	400	4	22,23/25,4						

Kronenflex® large cutting-off wheels

for petrol driven saw / cutter



Cutting-off wheels

Cutting-off wheel

A 24 EXTRA



Class	EXTRA	Applications:	
Bond	■ ■ ■ ■ □ □ □ □	Metals	●
Aggression	■ ■ ■ ■ □ □ □ □		
Service life	■ ■ ■ ■ □ □ □ □		

Advantages: Standard wheel with outstanding price-performance ratio - For universal use in metalworking - For use on gas powered freehand machines with a cutting speed of 80 m/s

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 3,5 x 20		80 m/s	5100 rpm	10	288221	5,50 €	11
300 x 3,5 x 22,23		80 m/s	5100 rpm	10	288222	5,50 €	11

Cutting-off wheel

C 24 EXTRA



Class	EXTRA	Applications:	
Bond	■ ■ ■ ■ □ □ □ □	Stone/Concrete	●
Aggression	■ ■ ■ ■ □ □ □ □		
Service life	■ ■ ■ ■ □ □ □ □		

Advantages: Optimal for all mineral materials due to sharp, coarse SiC grit - For use on gas powered freehand machines with a cutting speed of 80 m/s

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 3,5 x 20		80 m/s	5100 rpm	10	288223	5,77 €	11
300 x 3,5 x 22,23		80 m/s	5100 rpm	10	288224	5,77 €	11

Recommended prices.

Kronenflex® large cutting-off wheels

for petrol driven saw / cutter with clamping device

Cutting-off wheel

A 924 R SPECIAL



Class	SPECIAL
Bond	■■■■■□□
Aggression	■■■■■■■□
Service life	■■■■■■■

Applications:	
Steel	●
Stainless steel	○

NEW !

Advantages: Optimised 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 100m/s - Free-hand cutting of pipes, rods, profiles and solid materials

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
305 x 4 x 20	—	100 m/s	6400 rpm	10	354419	7,07 €	11
305 x 4 x 22,23	—	100 m/s	6400 rpm	10	354418	7,07 €	11
305 x 4 x 25,4	—	100 m/s	6400 rpm	10	354417	7,07 €	11
356 x 4 x 20	—	100 m/s	5500 rpm	10	354416	10,57 €	11
356 x 4 x 22,23	—	100 m/s	5500 rpm	10	354415	10,57 €	11
356 x 4 x 25,4	—	100 m/s	5500 rpm	10	354414	10,57 €	11

Cutting-off wheel

A 624 SX SUPRA



Class	SUPRA
Bond	■■■■□□□
Aggression	■■■■■■■
Service life	■■■■■■□□

Applications:	
Steel	●

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 cutting-off machines with a cutting speed of 100 m/s and clamping device

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
305 x 3,5 x 22,23	—	100 m/s	6400 rpm	10	353111	7,50 €	11
356 x 4 x 22,23	—	100 m/s	5500 rpm	10	351433	11,19 €	11
356 x 4 x 25,4	—	100 m/s	5500 rpm	10	340641	11,19 €	11
406 x 4 x 25,4	—	100 m/s	4800 rpm	10	351436	13,39 €	11

Recommended prices.

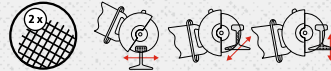
Kronenflex® large cutting-off wheels

for petrol driven saw / cutter with clamping device



Cutting-off wheel

A 924 SX SPECIAL



Class	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

Applications:	
Steel	●

Advantages: For universal use on all rail types - Top performing product for high powered machines (>5kW) and hard rails - For use on gas powered cutting-off machines with a cutting speed of 100 m/s and clamping device - Excellent service life

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
305 x 3,5 x 22,23	— —	100 m/s	6400 rpm	10	353093	8,99 €	11
356 x 4 x 22,23	— —	100 m/s	5500 rpm	10	352325	13,42 €	11
356 x 4 x 25,4	— —	100 m/s	5500 rpm	10	353097	13,42 €	11
406 x 4 x 25,4	— —	100 m/s	4800 rpm	10	352324	16,07 €	11

the prices increase by
+7,9 %

Recommended prices.

Kronenflex® large cutting-off wheels

for stationary cutting

Cutting-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 cutting-off machine

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
250 x 3 x 32	—	100 m/s	7600 rpm	10	2465	7,08 €	11
300 x 3 x 22,23	—	100 m/s	6400 rpm	10	71365	8,87 €	11
300 x 3 x 25,4	—	100 m/s	6400 rpm	10	6793	8,87 €	11
300 x 3 x 30	—	100 m/s	6400 rpm	10	13524	8,87 €	11
300 x 3 x 32	—	100 m/s	6400 rpm	10	6807	8,87 €	11
350 x 3,5 x 25,4	—	100 m/s	5500 rpm	10	13528	12,67 €	11
350 x 3,5 x 32	—	100 m/s	5500 rpm	10	13536	12,67 €	11
400 x 4,5 x 25,4	—	100 m/s	4800 rpm	10	292933	17,01 €	11
400 x 4,5 x 32	—	100 m/s	4800 rpm	10	292932	17,01 €	11
400 x 4,5 x 40	—	100 m/s	4800 rpm	10	296567	17,01 €	11

Cutting-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 - 5 kW cutting-off machines

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
350 x 3,5 x 25,4	—	100 m/s	5500 rpm	10	13527	13,72 €	11

Recommended prices.

Kronenflex® large cutting-off wheels

for chop saws



Cutting-off wheel

A 330 EXTRA



Class	EXTRA	Applications:
Bond	■ ■ ■ ■ ■ ■ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ ■ □ □	Stainless steel ①
Service life	■ ■ ■ ■ ■ ■ □ □	Aluminium ①
		Castings ①

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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 2,5 x 25,4		80 m/s	5100 rpm	10	353327	6,83 €	11
356 x 2,5 x 25,4		80 m/s	4400 rpm	10	353326	9,72 €	11
406 x 3 x 25,4		80 m/s	3800 rpm	10	353329	13,05 €	11

Cutting-off wheel

A 630 N SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ ■ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ ■ □ □	Stainless steel ①
Service life	■ ■ ■ ■ ■ ■ □ □	Aluminium ①
		Castings ①

Advantages: Aggressive model with an outstanding service life - An exceptional choice for the cutting of solid material - Bond optimized for universal use - Low thermal load - Minimum burr formation

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 2,5 x 25,4		80 m/s	5100 rpm	10	353325	8,14 €	11
356 x 2,5 x 25,4		80 m/s	4400 rpm	10	353324	11,65 €	11
406 x 3,2 x 25,4		80 m/s	3800 rpm	10	353328	15,63 €	11

Recommended prices.

Kronenflex® large cutting-off wheels

for chop saws

Cutting-off wheel

A 930 N SPECIAL



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 110 volt machines and the cutting of solid material

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 2,5 x 25,4	—	80 m/s	5100 rpm	10	322627	10,54 €	11
350 x 3 x 25,4	—	80 m/s	4400 rpm	10	322628	13,72 €	11

the prices increase by

+7,9 %

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %





Kronenflex® grinding discs

About the product

Kronenflex® grinding discs are characterised 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 bevelling 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 specialised requirements of the nuclear industry, Klingspor has the products you need. Discs for stone grinding and cup grinding wheels round off our range.

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.

You will find important information on the label marking, product lines, design, safety and application of grinding discs starting on page 243.

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

Material applications

Type	Thickness [mm]	Steel	Hardened steels	Tool steel	Stainless steel	High alloy steels	Corrosion and acid proof steels	Aluminium	Bronze	Copper	Brass	Zinc die-casting	Cast iron	Stone / concrete	Page
A 24 EXTRA	6,0–8,0	●	○	○	○	○	○					○	○		284
A 24 EXTRA T	6,0–8,0	●	○	○	○	○	○						○		284
A 24 R SUPRA	4,0–10	●	●	●	○	○	○						○		285
A 24 R/01 SPECIAL	4,0	●	●	●	○	○	○								285
A 24 N SUPRA INOX	6,0–8,0	○	●	○	●	●	●								286
A 24 R/36 SPECIAL	6,0	○	○	○	●	●	●								286
A 46 N SUPRA	6,0–8,0							●	○	○	○	○			287
A 46 VZ SPECIAL	2,0	○	○	●	●	●	●					○			287
A 624 T SUPRA	6,0	●	●	●	●	○	○					○	●		288
C 24 R SUPRA	6												○	●	288
A 16 R SUPRA	55	●											○		289
A 30 R SUPRA	55	●													289
C 16 R SUPRA	55												○	●	290
C 30 R SUPRA	55												○	●	290

● = main application ○ = possible applications

Kronenflex® grinding discs

for hand held machines

Grinding disc

A 24 EXTRA



Class	EXTRA
Bond	■ ■ ■ ■ ■ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Metals	●

XLOCK !

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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 6 x 16		80 m/s	15300 rpm	10	189004	1,77 €	11
115 x 6 x 22,23		80 m/s	13300 rpm	10	188465	1,81 €	11
115 x 6 x 22,23 X-LOCK		80 m/s	13300 rpm	10	351253	2,63 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	188466	2,06 €	11
125 x 6 x 22,23 X-LOCK		80 m/s	12200 rpm	10	351252	2,99 €	11
150 x 6 x 22,23		80 m/s	10200 rpm	10	235371	2,52 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	13444	2,70 €	11
180 x 8 x 22,23		80 m/s	8500 rpm	10	13446	3,52 €	11
230 x 6 x 22,23		80 m/s	6600 rpm	10	13447	4,07 €	11
230 x 8 x 22,23		80 m/s	6600 rpm	10	13448	5,29 €	11

Grinding disc

A 24 EXTRA T



Class	EXTRA
Bond	■ ■ ■ ■ ■ □ □ □
Aggression	■ ■ ■ □ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

Applications:	
Metals	●

Advantages: Extra hard grinding disc - Optimal for edge work and for removal of stubborn burrs

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
180 x 6 x 22,23		80 m/s	8500 rpm	10	13794	2,84 €	11
180 x 8 x 22,23		80 m/s	8500 rpm	10	13445	3,69 €	11

Recommended prices.

Grinding disc

A 24 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ①
Service life	■ ■ ■ ■ ■ □ □ □	Castings ①

Advantages: With optimised recipe for use on steel - Also suitable for use on stainless steel - Large product range

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 4 x 16	—	80 m/s	15300 rpm	10	13400	1,90 €	11
100 x 6 x 16	—	80 m/s	15300 rpm	10	6578	2,14 €	11
115 x 4 x 22,23	—	80 m/s	13300 rpm	10	13746	1,96 €	11
115 x 6 x 22,23	—	80 m/s	13300 rpm	10	13401	2,17 €	11
125 x 4 x 22,23	—	80 m/s	12200 rpm	10	240831	2,25 €	11
125 x 6 x 22,23	—	80 m/s	12200 rpm	10	13402	2,49 €	11
150 x 6 x 22,23	—	80 m/s	10200 rpm	10	13403	3,05 €	11
180 x 10 x 22,23	—	80 m/s	8500 rpm	10	13423	5,35 €	11
180 x 4 x 22,23	—	80 m/s	8500 rpm	10	13408	2,93 €	11
180 x 7 x 22,23	—	80 m/s	8500 rpm	10	13413	3,56 €	11
180 x 8 x 22,23	—	80 m/s	8500 rpm	10	13418	4,21 €	11
230 x 4 x 22,23	—	80 m/s	6600 rpm	10	13428	5,14 €	11
230 x 6 x 22,23	—	80 m/s	6600 rpm	10	13433	5,72 €	11
230 x 8 x 22,23	—	80 m/s	6600 rpm	10	13438	7,45 €	11

Grinding disc

A 24 R/01 SPECIAL



Class	SPECIAL	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ①
Service life	■ ■ ■ □ □ □ □ □	

Advantages: Special disc for pipeline and tank construction - Suitable for root seams - For repair of weld seams

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 4 x 22,23	—	80 m/s	12200 rpm	10	130825	2,43 €	11
180 x 4 x 22,23	—	80 m/s	8500 rpm	10	13756	3,17 €	11

Recommended prices.

Kronenflex® grinding discs

for hand held machines

Grinding disc INOX

A 24 N SUPRA



Class	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Stainless steel	●
Aluminium	○

Advantages: High removal rate on stainless steel - Optimal ratio between removal and wear

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23		80 m/s	13300 rpm	10	2923	2,35 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	2922	2,69 €	11
180 x 4 x 22,23		80 m/s	8500 rpm	10	13407	3,17 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	13412	3,87 €	11
180 x 8 x 22,23		80 m/s	8500 rpm	10	13417	4,57 €	11
230 x 6 x 22,23		80 m/s	6600 rpm	10	13432	6,19 €	11

Grinding disc

A 24 R/36 SPECIAL



Fe-S-Cl
<0,1%

Class	SPECIAL
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23		80 m/s	13300 rpm	10	2488	2,35 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	2830	2,69 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	2463	3,87 €	11

Recommended prices.





Grinding disc

A 46 N SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Aluminium ●
Aggression	■ ■ ■ ■ ■ □ □ □	NF metals ①
Service life	■ ■ ■ ■ □ □ □ □	

Advantages: No clogging when used on non-ferrous metals - Optimal ratio between removal and wear

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23		80 m/s	13300 rpm	10	6622	2,44 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	2226	2,80 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	13410	4,02 €	11
180 x 8 x 22,23		80 m/s	8500 rpm	10	13415	4,77 €	11



Thin cutting-off wheel & grinding disc

A 46 VZ SPECIAL



Class	SPECIAL	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Stainless steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Steel ●
Service life	■ ■ ■ ■ ■ □ □ □	NF metals ①

Advantages: Long service life - Multi-purpose: cutting off and light rough grinding with one wheel - High aggressiveness in cutting - No change of wheel necessary

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 2 x 22,23		80 m/s	13300 rpm	25	298176	2,17 €	11
125 x 2 x 22,23		80 m/s	12200 rpm	25	298177	2,48 €	11

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 in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23		80 m/s	13300 rpm	10	325215	2,87 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	325216	3,31 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	325217	4,77 €	11
230 x 6 x 22,23		80 m/s	6600 rpm	10	325218	7,64 €	11

Grinding disc

C 24 R SUPRA



Class	SUPRA	Applications:
Bond	■■■□□□□	Stone/Concrete ●
Aggression	■■■■□□□	Castings ○
Service life	■■■■□□□	

Advantages: Ideal for use on stone and mineral materials - High removal rate due to sharp, coarse SiC grain

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23		80 m/s	13300 rpm	10	6664	2,44 €	11
125 x 6 x 22,23		80 m/s	12200 rpm	10	6665	2,80 €	11
180 x 6 x 22,23		80 m/s	8500 rpm	10	13409	4,02 €	11

Recommended prices.

Kronenflex® cup grinding wheels

for hand held machines



Cup grinding wheel

A 16 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Steel ●
Aggression	■ ■ ■ ■ □ □ □ □	Castings ①
Service life	■ ■ ■ □ □ □ □ □	

Advantages: For surface grinding and finish grinding of weld seams - Coarse grain for optimized aggressiveness

Diameter x Height x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 55 x 22,23		50 m/s	8600 rpm	6	13729	12,32 €	11

Cup grinding wheel

A 30 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ □ □ □ □	Steel ●
Aggression	■ ■ ■ ■ □ □ □ □	
Service life	■ ■ ■ □ □ □ □ □	

Advantages: For surface grinding and finish grinding of weld seams - Optimized aggressiveness and long service life

Diameter x Height x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 55 x 22,23		50 m/s	8600 rpm	6	13728	12,32 €	11

Recommended prices.

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



Class	SUPRA		Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Stone/Concrete	●
Aggression	■ ■ ■ ■ ■ □ □ □	Castings	○
Service life	■ ■ ■ ■ □ □ □ □		

Advantages: For use on surfaces and edges - For stone and mineral materials - Optimized aggressiveness due to sharp, coarse SiC grain

Diameter x Height x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 55 x 22,23		50 m/s	8600 rpm	6	13727	12,90 €	11

Cup grinding wheel

C 30 R SUPRA



Class	SUPRA		Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Stone/Concrete	●
Aggression	■ ■ ■ ■ ■ □ □ □	Castings	○
Service life	■ ■ ■ ■ □ □ □ □		

Advantages: For use on surfaces and edges - Ideal for stone and mineral materials due to sharp, coarse SiC grain

Diameter x Height x Bore in mm	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 55 x 22,23		50 m/s	8600 rpm	6	13726	12,90 €	11

Recommended prices.

Please observe: Use only on angle grinders with cup grinding wheel guard!

From November 1st 2021
the prices increase by

+7,9 %



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	SPECIAL	SUPRA	EXTRA	Page
Diamond cutting blades Ø 100 - 230 mm	Angle grinder	Universal	<i>DT 900 U</i>	<i>DT 600 U</i>	<i>DT 300 U</i>	298-302
			<i>DT 900 UD</i>	<i>DT 612 UT</i>	<i>DT 350 U</i>	
		Concrete	<i>DT 900 UT</i>		<i>DT 300 UT</i>	302-303
			<i>DT 900 B</i>		<i>DT 310 UT</i>	
		Granite	<i>DT 900 G</i>		<i>DT 350 B</i>	304
			<i>DT 900 FL</i>	<i>DT 600 GU</i>	<i>DT 350 BT</i>	
		Tiles	<i>DT 900 FT</i>	<i>DT 600 F</i>	<i>DT 300 F</i>	305-307
			<i>DT 900 FP</i>			
Mortar joints	<i>DN 600 U</i>		308			
All Cut Metal	<i>DT 600 ACM</i>		307			
All Cut Rescue	<i>DT 900 ACR</i>		308			
Cup grinding wheels	Angle grinder	Concrete		<i>DS 600 B</i>	<i>DS 300 B</i>	309-310
		Lime sandstone, screed and abrasive materials		<i>DS 600 S</i>		310
		Adapter M14		<i>DS 600 A</i>	<i>DZ 114</i>	312
		Epoxy resin, tile adhesive	<i>DS 900 PKD</i>	<i>DS 650 PKD</i>		311
Diamond cutting blades Ø 250 - 500 mm	Petrol powered cutter, Table saw, Joint cutter	Universal	<i>DT 900 U</i>	<i>DT 600 U</i>	<i>DT 300 U</i>	313-317
			<i>DT 900 US</i>	<i>DT 612 UT</i>	<i>DT 310 UT</i>	
		Tiles	<i>DT 900 FL</i>	<i>DT 600 F</i>	<i>DT 300 F</i>	317-318
		All Cut Rescue	<i>DT 900 ACR</i>			319
		Asphalt	<i>DT 902 A</i>	<i>DT 602 A</i>	<i>DT 350 A</i>	320-321
			<i>DT 910 A</i>	<i>DT 612 A</i>		
		Asphalt / concrete		<i>DT 612 AB</i>	<i>DT 350 AB</i>	322
		Green concrete	<i>DT 910 BF</i>			323
		Concrete	<i>DT 900 B</i>	<i>DT 602 B</i>	<i>DT 350 B</i>	323-326
			<i>DT 902 B</i>		<i>DT 350 BT</i>	
<i>DT 910 B</i>						
Reduction rings			<i>DZ 100 RR</i>	326		
Drill bits	Drill stand	Concrete	<i>DR 912 B</i>	<i>DK 612 B</i>		327-329
		Individual segments, ring segments	<i>DO 900 B</i>	<i>DK 654 B</i>		
	Percussion drill	Concrete		<i>DE 600 B</i>		330
		Adapter kit		<i>DD 600 U</i>		331
	Drilling machine	Tiles		<i>AD5 200</i>		331
		Tiles		<i>DB 600 F</i>		332
	Angle grinder	Tiles		<i>DK 600 F</i>		333
Hole starting aid				<i>ABH 80</i>	334	

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

From November 1, 2021

the prices increase by

Colour coding system of the Klingspor® diamond tools

Asphalt

Black



Tiles

Green



Stone / Fireproof

Blue



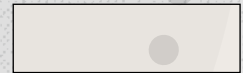
Concrete

Red



Universal

White



Metal

Grey



Special application

Yellow



Pictograms on the product pages



Wet and dry applications



Wet applications



Dry applications



Conical segment



Detenso steel core



Wet applications



Dry applications



Turbo segment



Drop segment



Inclined protective segment



Sandwich core

Diamond tools

Applications guide



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 undercut and wear
- ▶ 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.

Ø [mm]	Maximum operating speed [m/s]									
	30	35	40	45	50	55	60	70	80	100
200	2865	3342	3820	4297	4775	5252	5730	6685	7640	
230	2491	2906	3322	3737	4152	4567	4982	5813	6643	
250	2292	2674	3056	3438	3820	4202	4584	5348	6112	
300	1910	2228	2547	2865	3183	3502	3820	4456	5093	6360
350	1637	1910	2183	2456	2728	3001	3274	3820	4366	5450
400	1432	1671	1910	2149	2387	2626	2865	3342	3820	4770
450	1273	1485	1698	1910	2122	2334	2547	2971	3395	4240
500	1146	1337	1528	1719	1910	2101	2292	2674	3056	3810
550	1042	1215	1389	1563	1736	1910	2084	2431	2778	
600	955	1114	1273	1432	1592	1751	1910	2228	2547	

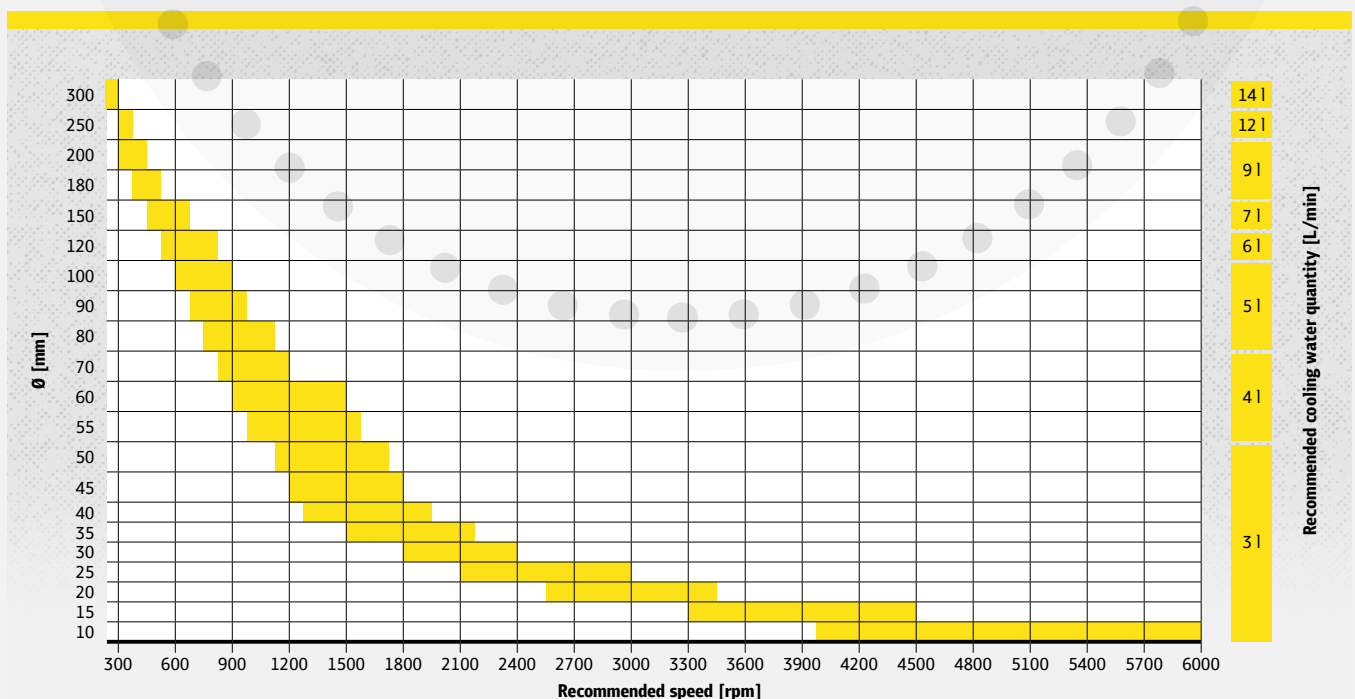
Motor speeds and cooling water quantity

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

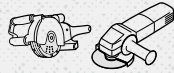
Drill bits require cooling with water regardless of the material on which they are used. Refer to the right side of the table for the recommended quantity of cooling water.



Diamond cutting blades for angle grinders

Diamond cutting blade

DT 300 U EXTRA



Properties

Design	Sintered
Segmentation	Standard
Aggression	■■■■□□□□
Service life	■■■■□□□□

Applications:

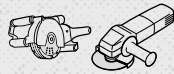
Construction materials	●
Concrete, universal	●

Advantages: Product for universal use on general construction materials - Excellent cutting performance - Great price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 37,3 / 1,6 / 7	1	325345	10,80 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 36,4 / 1,6 / 7	1	325346	11,70 €	12
180 x 22,23	80 m/s	8500 rpm	13 / 38,1 / 2 / 7	1	325347	19,10 €	12
230 x 22,23	80 m/s	6600 rpm	16 / 40,2 / 2,3 / 7	1	325348	23,90 €	12

Diamond cutting blade

DT 350 U EXTRA



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

XLOCK !

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 10	1	336214	15,00 €	12
115 x 22,23 X-LOCK	80 m/s	13300 rpm	8 / 33 / 2,4 / 10	1	350463	17,30 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 10	1	336215	16,70 €	12
125 x 22,23 X-LOCK	80 m/s	12200 rpm	9 / 33 / 2,4 / 10	1	350464	19,20 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 10	1	336216	26,70 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 10	1	336219	33,20 €	12

Recommended prices.

Diamond cutting blades for angle grinders



Diamond cutting blade

DT 600 U SUPRA



XLOCK !

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16	80 m/s	15300 rpm	11 / 20 / 2,4 / 9	1	325025	19,10 €	12
115 x 22,23	80 m/s	13300 rpm	13 / 20 / 2,4 / 9	1	322630	21,40 €	12
115 x 22,23 X-LOCK	80 m/s	13300 rpm	13 / 20 / 2,4 / 9	1	350461	24,60 €	12
125 x 22,23	80 m/s	12200 rpm	15 / 20 / 2,4 / 9	1	322631	23,90 €	12
125 x 22,23 X-LOCK	80 m/s	12200 rpm	15 / 20 / 2,4 / 9	1	350462	27,50 €	12
140 x 22,23	80 m/s	11000 rpm	17 / 20 / 2,4 / 9	1	325046	28,50 €	12
150 x 22,23	80 m/s	10200 rpm	18 / 20 / 2,4 / 9	1	322632	30,80 €	12
180 x 22,23	80 m/s	8500 rpm	22 / 20 / 2,6 / 9	1	322633	37,90 €	12
230 x 22,23	80 m/s	6600 rpm	30 / 20 / 2,6 / 9	1	322634	47,60 €	12

Diamond cutting blade

DT 612 UT SUPRA



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 12	1	334044	22,00 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 12	1	334045	24,60 €	12
150 x 22,23	80 m/s	10200 rpm	11 / 33 / 2,4 / 12	1	345388	30,90 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 12	1	334046	39,20 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 12	1	334047	49,00 €	12

Recommended prices.

Diamond cutting blades for angle grinders

Diamond cutting blade

DT 900 U SPECIAL



Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■■■■
Service life	■■■■■■■■



Applications:

Construction materials	●	Hard stone	①
Concrete, universal	●		
Cured concrete, reinforced	●		
Chalky sandstone	●		

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 reinforced concrete

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 12	1	325206	36,30 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 12	1	325209	40,40 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 12	1	325028	64,70 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 12	1	325045	80,80 €	12

Diamond cutting blade

DT 900 UD SPECIAL



Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■■■■
Service life	■■■■■■■■



Applications:

Cured concrete, reinforced	●	Hard stone	①
Concrete, universal	●		
Construction materials	●		
Chalky sandstone	●		

Advantages: Ultra fast cutting speed thanks to specially designed turbo segments - Low vibration denso core for efficient noise reduction - Extended service life thanks to titanium-coated diamonds, suitable for use on almost any hard material

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 12	1	325210	83,20 €	12

Recommended prices.

Diamond cutting blade

DT 300 UT EXTRA



Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □



Applications:

Construction materials	●
Concrete, universal	●
Roof tiles	●

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 1,9 / 7	1	330625	10,10 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,9 / 7	1	325353	11,10 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,9 / 7	1	325354	12,30 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 2,2 / 7	1	325355	19,70 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 2,5 / 7	1	325356	24,70 €	12

Diamond cutting blade

DT 310 UT EXTRA



Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □



Applications:

Construction materials	●
Concrete, universal	●
Roof tiles	●

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 2 / 10	1	334087	11,10 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 2 / 10	1	334088	12,40 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 2 / 10	1	334089	13,80 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 2,5 / 10	1	334090	22,00 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 2,5 / 10	1	334091	27,70 €	12

Recommended prices.

Diamond cutting blades for angle grinders

Diamond cutting blade

DT 900 UT SPECIAL



Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■■□□
Service life	■■■■■■□□



Applications:

Concrete, universal	●
Construction materials	●
Roof tiles	●

Advantages: Wave-shaped steel core - Use on construction material - Clean cutting edges - High aggressiveness

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 2,2 / 10	1	330626	21,10 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 2,2 / 10	1	325364	23,50 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 2,2 / 10	1	325365	26,20 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 2,5 / 10	1	325366	41,70 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 2,5 / 10	1	325367	52,20 €	12

Diamond cutting blade

DT 350 B EXTRA



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■□□
Service life	■■■■■■□□



Applications:

Concrete	●
Cured concrete, reinforced	●

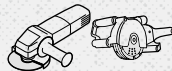
Advantages: Diamond cutting disc with good price-performance ratio for working on concrete materials - Fast cutting with low vibration - Optimum service life

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 10	1	339828	16,70 €	12
150 x 22,23	80 m/s	10200 rpm	11 / 33 / 2,4 / 10	1	345382	21,70 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 10	1	339829	33,20 €	12

Recommended prices.

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 concrete and all concrete products - Fast and easy cutting with low vibration - Optimum service life - Optimum price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 10	1	354790	17,10 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 10	1	354791	19,10 €	12
150 x 22,23	80 m/s	10200 rpm	11 / 33 / 2,4 / 10	1	354792	24,80 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 10	1	354793	30,50 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 10	1	354794	38,00 €	12

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	⦿

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 12	1	325205	31,60 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 12	1	325208	35,20 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 12	1	325027	56,00 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 12	1	325034	70,00 €	12

Recommended prices.

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	●

Advantages: High stock removal rate - Excellent service life - Clean cutting - Great price-performance ratio - Suitable for all types of granite

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 33 / 2,4 / 10	1	336614	23,50 €	12
125 x 22,23	80 m/s	12200 rpm	9 / 33 / 2,4 / 10	1	336615	26,20 €	12
180 x 22,23	80 m/s	8500 rpm	11 / 42 / 2,6 / 10	1	336616	41,80 €	12
230 x 22,23	80 m/s	6600 rpm	15 / 42 / 2,6 / 10	1	336617	52,40 €	12

Diamond cutting blade

DT 900 G SPECIAL



Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■
Service life	■■■■■■■



Applications:

Granite	●
Porphyry, quartzite	●
Terrazzo	●

Advantages: Outstanding cutting properties thanks to particularly narrow spacing of the tapered segments - Low vibration denoso 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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	12 / 28 / 2,5 / 12	1	325029	38,60 €	12
125 x 22,23	80 m/s	12200 rpm	13 / 28 / 2,5 / 12	1	325031	42,90 €	12
180 x 22,23	80 m/s	8500 rpm	18 / 28 / 2,8 / 12	1	325049	68,60 €	12
230 x 22,23	80 m/s	6600 rpm	24 / 28 / 2,8 / 12	1	325115	85,70 €	12

Recommended prices.

Diamond cutting blade

DT 300 F EXTRA



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 1,6 / 7	1	330623	8,50 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,6 / 7	1	325357	9,80 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,6 / 7	1	325358	10,80 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 1,6 / 7	1	325359	17,10 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 1,9 / 7	1	325360	21,40 €	12

Diamond cutting blade

DT 600 F SUPRA



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 1,6 / 7	1	330624	12,40 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,6 / 7	1	325368	13,80 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,6 / 7	1	325369	15,50 €	12
150 x 22,23	80 m/s	10200 rpm	CR / CR / 1,6 / 7	1	325370	19,90 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 1,6 / 7	1	325371	24,70 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 1,9 / 7	1	325372	30,80 €	12

Recommended prices.

Diamond cutting blades for angle grinders

Diamond cutting blade

DT 900 FL SPECIAL



Properties

Design	Sintered
Segmentation	Continuous rim, with laser-cut slots
Aggression	■■■■■■■□
Service life	■■■■■■■□



Applications:

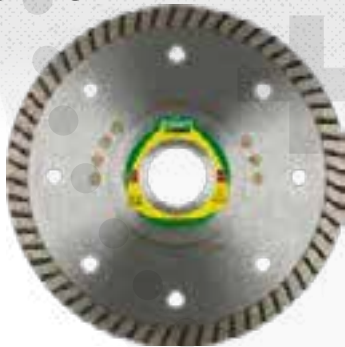
Wall tiles	●	Marble	●
Floor tiles	●		
Porcelain	●		
Ceramics	●		

Advantages: High-precision tool for hard wall and floor tiles - Laser-cut slots for exceptionally smooth operation and perfectly cut edges

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,4 / 7	1	331042	27,90 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,4 / 7	1	331043	30,80 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 1,6 / 7	1	331044	49,40 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 1,8 / 7	1	331041	61,90 €	12

Diamond cutting blade

DT 900 FT SPECIAL



Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■■■
Service life	■■■■■■■□



Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●
Granite	●

Advantages: 1,4 mm 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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	80 m/s	15300 rpm	CR / CR / 1,4 / 7,5	1	330627	22,80 €	12
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,4 / 7,5	1	325392	25,70 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,4 / 7,5	1	325393	28,50 €	12
180 x 22,23	80 m/s	8500 rpm	CR / CR / 2 / 7	1	330628	45,60 €	12
230 x 22,23	80 m/s	6600 rpm	CR / CR / 2 / 7	1	330629	57,00 €	12

Recommended prices.

Diamond cutting blades for angle grinders



Diamond cutting blade

DT 900 FP SPECIAL



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	CR / CR / 1,4 / 10	1	331039	32,20 €	12
125 x 22,23	80 m/s	12200 rpm	CR / CR / 1,4 / 10	1	331040	35,80 €	12

Diamond cutting blade

DT 600 ACM SUPRA



Properties

Design	Vacuum-brazed
Segmentation	Standard
Aggression	■■■■■■■□
Service life	■■■■■■■□



Applications:

Steel	●	Castings	●
Stainless steel	●	Aluminium	●
Metals	●		
NF metals	●		

Advantages: Vacuum-brazed disc for almost all metallic materials - No wear behaviour as with conventional diamond cutting blades and therefore almost odourless and dirt-free - Extra thin blade for high cutting performance and aggressiveness

NEW !

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	8 / 42 / 1,3 / 1,8	1	355720	42,10 €	12
125 x 22,23	80 m/s	12200 rpm	10 / 36 / 1,3 / 1,8	1	355722	46,90 €	12
230 x 22,23	80 m/s	6600 rpm	16 / 42 / 1,6 / 1,8	1	355721	93,60 €	12

Recommended prices.

Diamond cutting blades for angle grinders

Diamond cutting blade

DT 900 ACR SPECIAL



Properties

Design	Vacuum-brazed
Segmentation	Narrow gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■■



Applications:

Construction materials	●	Plastic	●
Concrete, universal	●	Rubber	●
Glass	●		
Wood-based materials	●		

NEW

Advantages: Vacuum-brazed diamond cutting blade for almost all materials - Very wide range of applications due to special manufacturing process - 10 mm high diamond coating for a good service life and an aggressive cut for very different and demanding materials - Ideal for rescue services

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 22,23	80 m/s	13300 rpm	6 / 56 / 2,8 / 10	1	355723	49,80 €	12
125 x 22,23	80 m/s	12200 rpm	6 / 45 / 2,8 / 10	1	355724	55,50 €	12
230 x 22,23	80 m/s	6600 rpm	12 / 56 / 3,1 / 10	1	355725	111,00 €	12

Broaching wheel

DN 600 U SUPRA



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
80 x 22,23	80 m/s	19100 rpm	6 / 30 / 6 / 7	1	330630	59,90 €	12
115 x 22,23	80 m/s	13300 rpm	9 / 32 / 6 / 7	1	330631	77,10 €	12
115 x 22,23	80 m/s	13300 rpm	9 / 32 / 8 / 7	1	330658	89,90 €	12
115 x 22,23	80 m/s	13300 rpm	9 / 32 / 10 / 7	1	330663	103,00 €	12
115 x 22,23	80 m/s	13300 rpm	9 / 33 / 4,5 / 7	1	325380	64,30 €	12
125 x 22,23	80 m/s	12200 rpm	10 / 32 / 6 / 7	1	330632	85,70 €	12
125 x 22,23	80 m/s	12200 rpm	10 / 32 / 8 / 7	1	330662	100,00 €	12
125 x 22,23	80 m/s	12200 rpm	10 / 32 / 10 / 7	1	330664	114,00 €	12
125 x 22,23	80 m/s	12200 rpm	10 / 33 / 4,5 / 7	1	325381	71,20 €	12

Recommended prices.

Diamond cup grinding wheels for angle grinders



Diamond cup grinding wheel

DS 300 B EXTRA



Properties

Design	Brazed
Segmentation	Standard
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:

Concrete	●
Screed	●
Construction materials	●

Advantages: Double row cup grinding wheel with outstanding stock removal performance - High aggressiveness at low force requirements - Exceptional price-performance ratio - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	20	80 m/s	15300 rpm	14 / 7 / 5,5	1	330622	36,20 €	12
115 x 22,23	20	80 m/s	13300 rpm	14 / 8,2 / 5,5	1	325361	40,70 €	12
125 x 22,23	24,5	80 m/s	12200 rpm	18 / 7 / 5	1	325362	49,70 €	12
180 x 22,23	30,5	80 m/s	8500 rpm	22 / 8 / 5	1	325363	72,30 €	12

Diamond cup grinding wheel

DS 600 B SUPRA



Properties

Design	Brazed
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

Applications:

Concrete	●
Screed	●
Construction materials	●

Advantages: Double row cup grinding wheel for machining concrete and abrasive materials - Efficient dust extraction - Aggressive grinding performance - Long service life - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	20	80 m/s	15300 rpm	16 / 8,5 / 5,5	1	330621	57,00 €	12
115 x 22,23	20	80 m/s	13300 rpm	16 / 8,2 / 5,5	1	325377	64,30 €	12
125 x 22,23	23,5	80 m/s	12200 rpm	20 / 7,2 / 5,5	1	325378	78,30 €	12
180 x 22,23	30,5	80 m/s	8500 rpm	24 / 8 / 5,5	1	325379	114,00 €	12

Recommended prices.

Diamond cup grinding wheels for angle grinders

Diamond cup grinding wheel

DS 600 S SUPRA



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 - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	20,5	80 m/s	15300 rpm	16 / 7,2 / 5,5	1	331022	66,60 €	12
115 x 22,23	20,5	80 m/s	13300 rpm	16 / 7,2 / 5,5	1	331023	75,00 €	12
125 x 22,23	20,5	80 m/s	12200 rpm	16 / 7,2 / 5,5	1	331024	91,70 €	12
180 x 22,23	30,5	80 m/s	8500 rpm	24 / 7,8 / 5,5	1	331025	134,00 €	12

Diamond cup grinding wheel

DS 600 A SUPRA



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 - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 16 / 22,23	20	80 m/s	15300 rpm	14 / 8,2 / 5,5	1	331026	38,10 €	12
115 x 22,23	20	80 m/s	13300 rpm	14 / 8,2 / 5,5	1	331027	42,90 €	12
125 x 22,23	24,5	80 m/s	12200 rpm	18 / 7,2 / 5	1	331028	52,30 €	12
180 x 22,23	30,5	80 m/s	8500 rpm	22 / 7,8 / 5,3	1	331029	76,10 €	12

Recommended prices.

Diamond cup grinding wheels for angle grinders



Diamond cup grinding wheel

DS 650 PKD SUPRA



Properties

Design	Brazed
Aggression	■■■■■■■□
Service life	■■■■■■■□



Applications:

Epoxy resin	●	Bitumen	●
Adhesive	●	Paint	●
Coatings	●	Glue	●
Filler	●		

NEW !

Advantages: PCD (Poly Crystalline Diamonds) cup grinding wheel with good stock removal on hard resins and adhesive residues - Good dust removal - Aggressive grinding performance - Support segments for a smooth and low-vibration grinding process - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 22,23	21,6	80 m/s	12200 rpm	6 / 13 / 3,6	1	355953	161,00 €	12
180 x 22,23	29	80 m/s	8500 rpm	6 / 13 / 4	1	355940	214,00 €	12

Diamond cup grinding wheel

DS 900 PKD SPECIAL



Properties

Design	Brazed
Aggression	■■■■■■■
Service life	■■■■■■■



Applications:

Adhesive	●	Bitumen	●
Epoxy resin	●	Paint	●
Filler	●	Glue	●
Coatings	●		

NEW !

Advantages: Ultra-aggressive polycrystalline diamond cutting wedges enable the cup grinding wheel to remove hard and solid coatings - Support segments for a smooth and low-vibration grinding process - M14 adapter available, see DZ 114

Diameter x Bore in mm	Cup grinding wheel height in mm	Max. operating speed	Max. RPM	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
125 x 22,23	21	80 m/s	12200 rpm	6 / 5 / 3,5	1	355941	251,00 €	12
180 x 22,23	21,5	80 m/s	8500 rpm	8 / 5 / 3,5	1	355948	333,00 €	12

Recommended prices.

Adapter

Adapter M14

DZ 114



Advantages: For retooling diamond cup grinding wheels with a Ø 22.23 mm hole to an M14 spindle size - Suitable for all Klingspor diamond cup grinding wheels

Mounting	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
thread M14	1	331332	23,48 €	14

From November 1st 2021

the prices increase by

+7,9 %

Recommended prices.

Diamond cutting blade

DT 300 U EXTRA



Properties

Design	Sintered
Segmentation	Standard
Aggression	■■■■□□□□
Service life	■■■■□□□□

Applications:

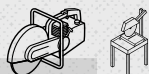
Construction materials	●
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Advantages: Product for universal use on general construction materials - Excellent cutting performance - Great price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	17 / 50,1 / 2,8 / 7	1	326831	46,90 €	12
300 x 25,4	100 m/s	6400 rpm	17 / 50,1 / 2,8 / 7	1	325349	46,90 €	12
300 x 30	100 m/s	6400 rpm	17 / 50,1 / 2,8 / 7	1	325351	46,90 €	12
350 x 25,4	100 m/s	5500 rpm	20 / 50,1 / 2,8 / 7	1	325350	59,20 €	12
350 x 30	100 m/s	5500 rpm	20 / 50,1 / 2,8 / 7	1	325352	59,20 €	12

Diamond cutting blade

DT 310 UT EXTRA



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

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	CR / CR / 3 / 10	1	334092	54,40 €	12
300 x 25,4	100 m/s	6400 rpm	CR / CR / 3 / 10	1	339121	54,40 €	12
350 x 20	100 m/s	5500 rpm	CR / CR / 3 / 10	1	334093	68,80 €	12
350 x 25,4	100 m/s	5500 rpm	CR / CR / 3 / 10	1	339123	68,80 €	12

Recommended prices.

Diamond cutting blades for petrol powered cutters, table saws and joint cutters

Diamond cutting blade

DT 350 U EXTRA



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□□

Applications:

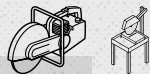
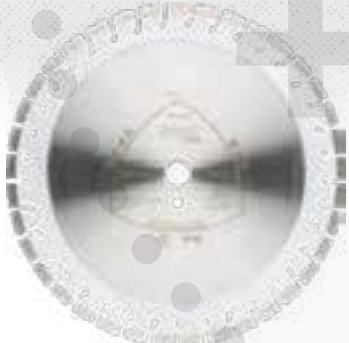
Construction materials	●
Concrete, universal	●

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	21 / 40 / 2,8 / 10	1	336223	65,80 €	12
300 x 25,4	100 m/s	6400 rpm	21 / 40 / 2,8 / 10	1	336220	65,80 €	12
350 x 20	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	336224	83,00 €	12
350 x 25,4	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	336221	83,00 €	12
400 x 25,4	100 m/s	4800 rpm	28 / 40 / 3,6 / 10	1	347486	116,00 €	12

Diamond cutting blade

DT 600 U SUPRA



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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	32 / 24 / 2,8 / 10	1	325183	93,70 €	12
300 x 25,4	100 m/s	6400 rpm	32 / 24 / 2,8 / 10	1	325184	93,70 €	12
300 x 30	100 m/s	6400 rpm	32 / 24 / 2,8 / 10	1	325185	93,70 €	12
350 x 20	100 m/s	5500 rpm	37 / 24 / 3 / 10	1	325194	118,00 €	12
350 x 25,4	100 m/s	5500 rpm	37 / 24 / 3 / 10	1	325195	118,00 €	12
350 x 30	100 m/s	5500 rpm	37 / 24 / 3 / 10	1	325196	118,00 €	12
400 x 20	100 m/s	4800 rpm	43 / 24 / 3,6 / 10	1	347484	167,00 €	12
400 x 25,4	100 m/s	4800 rpm	43 / 24 / 3,6 / 10	1	347485	167,00 €	12
400 x 30	100 m/s	4800 rpm	43 / 24 / 3,6 / 10	1	347527	167,00 €	12

Recommended prices.



Diamond cutting blades for petrol powered cutters, table saws and joint cutters



►► Continuation of DT 600 U SUPRA, Diamond cutting blade

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
450 x 25,4	100 m/s	4300 rpm	48 / 24 / 3,6 / 10	1	325201	198,00 €	12
450 x 30	100 m/s	4300 rpm	48 / 24 / 3,6 / 10	1	325200	198,00 €	12
500 x 25,4	100 m/s	3900 rpm	54 / 24 / 3,6 / 10	1	325203	237,00 €	12
500 x 30	100 m/s	3900 rpm	54 / 24 / 3,6 / 10	1	325202	237,00 €	12

Diamond cutting blade

DT 612 UT SUPRA



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

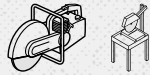
Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	20 / 40 / 2,8 / 12	1	340224	96,80 €	12
300 x 25,4	100 m/s	6400 rpm	20 / 40 / 2,8 / 12	1	340229	96,80 €	12
350 x 20	100 m/s	5500 rpm	22 / 40 / 3 / 12	1	340227	121,00 €	12
350 x 25,4	100 m/s	5500 rpm	22 / 40 / 3 / 12	1	340230	121,00 €	12
400 x 20	100 m/s	4800 rpm	26 / 40 / 3,6 / 12	1	347482	171,00 €	12
400 x 25,4	100 m/s	4800 rpm	26 / 40 / 3,6 / 12	1	347493	171,00 €	12

Recommended prices.

Diamond cutting blades for petrol powered cutters and table saws

Diamond cutting blade

DT 900 U SPECIAL



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	325053	115,00 €	12
300 x 25,4	100 m/s	6400 rpm		21 / 40 / 2,8 / 10	1	325067	127,00 €	12
300 x 30	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	325052	115,00 €	12
300 x 30	100 m/s	6400 rpm		21 / 40 / 2,8 / 10	1	325066	127,00 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3 / 10	1	325085	146,00 €	12
350 x 25,4	100 m/s	5500 rpm		24 / 40 / 3 / 10	1	325100	161,00 €	12
350 x 30	100 m/s	5500 rpm		21 / 40 / 3 / 10	1	325084	146,00 €	12
350 x 30	100 m/s	5500 rpm		24 / 40 / 3 / 10	1	325099	161,00 €	12
400 x 25,4	100 m/s	4800 rpm		28 / 40 / 3,6 / 10	1	349233	224,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349246	203,00 €	12
400 x 30	100 m/s	4800 rpm		28 / 40 / 3,6 / 10	1	349234	224,00 €	12
400 x 30	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349245	203,00 €	12
450 x 25,4	100 m/s	4300 rpm		26 / 40 / 3,6 / 10	1	325133	243,00 €	12
450 x 25,4	100 m/s	4300 rpm		32 / 40 / 3,6 / 10	1	325176	267,00 €	12
450 x 30	100 m/s	4300 rpm		26 / 40 / 3,6 / 10	1	325132	243,00 €	12
450 x 30	100 m/s	4300 rpm		32 / 40 / 3,6 / 10	1	325175	267,00 €	12
500 x 25,4	100 m/s	3900 rpm		36 / 40 / 3,7 / 10	1	325155	319,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 10	1	325164	290,00 €	12
500 x 30	100 m/s	3900 rpm		36 / 40 / 3,7 / 10	1	325154	319,00 €	12
500 x 30	100 m/s	3900 rpm		30 / 40 / 3,7 / 10	1	325163	290,00 €	12
600 x 25,4	100 m/s	3200 rpm		36 / 40 / 3,7 / 10	1	345023	433,00 €	12

Recommended prices.

Diamond cutting blade

DT 900 US SPECIAL



Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■■
Service life	■■■■■■■■

Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Construction materials	●
Chalky sandstone	●

Granite	●
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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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		21 / 40 / 2,8 / 10	1	334062	165,00 €	12
300 x 30	100 m/s	6400 rpm		21 / 40 / 2,8 / 10	1	336725	165,00 €	12
350 x 25,4	100 m/s	5500 rpm		24 / 40 / 3 / 10	1	334063	208,00 €	12
350 x 30	100 m/s	5500 rpm		24 / 40 / 3 / 10	1	336726	208,00 €	12
450 x 25,4	100 m/s	4300 rpm		32 / 40 / 3,6 / 10	1	334065	347,00 €	12
500 x 25,4	100 m/s	3900 rpm		36 / 40 / 3,7 / 10	1	334066	418,00 €	12

Diamond cutting blade

DT 300 F EXTRA



Properties

Design	Sintered
Segmentation	Continuous rim
Aggression	■■■■□□□□
Service life	■■■■□□□□

Applications:

Tiles	●
Stove tiles	●

Advantages: Standard tool for clean and nick-free edges - Good price-performance ratio - Reduction ring from 30 mm to 25,4 mm included

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
200 x 25,4 / 30	80 m/s	7600 rpm	CR / CR / 1,9 / 7	1	325454	20,20 €	12

Recommended prices.

Diamond cutting blades for table saws

Diamond cutting blade

DT 600 F SUPRA



Properties

Design	Sintered
Segmentation	Continuous rim
Aggression	■■■■■□□
Service life	■■■■■□□

Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

Advantages: Professional wheel for tiles and feldspar - Continuous rim for clean and nick-free edges - Reduction ring from 30 mm to 25,4 mm included

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
180 x 25,4 / 30	80 m/s	8500 rpm	CR / CR / 1,6 / 7	1	325455	24,70 €	12
200 x 25,4 / 30	80 m/s	7600 rpm	CR / CR / 1,9 / 7	1	325373	29,40 €	12
250 x 25,4 / 30	80 m/s	6100 rpm	CR / CR / 1,9 / 7	1	325374	46,30 €	12
300 x 25,4 / 30	100 m/s	6400 rpm	CR / CR / 2 / 7	1	325375	61,10 €	12
350 x 25,4 / 30	100 m/s	5500 rpm	CR / CR / 2 / 7	1	325376	77,10 €	12

the prices increase by

Diamond cutting blade

DT 900 FL SPECIAL



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 - Reduction ring from 30 mm to 25,4 mm included

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
180 x 25,4 / 30	100 m/s	10650 rpm	CR / CR / 1,6 / 7	1	331045	49,40 €	12
200 x 25,4 / 30	100 m/s	9550 rpm	CR / CR / 1,6 / 7	1	331046	58,80 €	12
230 x 25,4 / 30	100 m/s	8350 rpm	CR / CR / 1,8 / 7	1	331048	61,90 €	12
250 x 25,4 / 30	100 m/s	7600 rpm	CR / CR / 2 / 7	1	331047	92,70 €	12
300 x 25,4 / 30	100 m/s	6400 rpm	CR / CR / 2,2 / 7	1	331049	121,00 €	12
350 x 25,4 / 30	100 m/s	5500 rpm	CR / CR / 2,2 / 7	1	331050	153,00 €	12

Recommended prices.

Diamond cutting blades for petrol powered cutters and joint cutters



Diamond cutting blade

DT 900 ACR SPECIAL



NEW !

Properties

Design	Vacuum-brazed
Segmentation	Narrow gullet
Aggression	■■■■■■■■
Service life	■■■■■■■■

Applications:

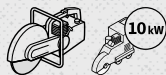
Construction materials	●	Plastic	●
Concrete, universal	●	Rubber	●
Glass	●		
Wood-based materials	●		

Advantages: Vacuum-brazed diamond cutting blade for almost all materials - Very wide range of applications due to special manufacturing process - 10 mm high diamond coating for a good service life and an aggressive cut for very different and demanding materials - Ideal for rescue services

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	16 / 57 / 3,1 / 6	1	355726	164,00 €	12
300 x 25,4	100 m/s	6400 rpm	16 / 57 / 3,1 / 6	1	355727	164,00 €	12
350 x 20	100 m/s	5500 rpm	20 / 53 / 3,1 / 6	1	355729	206,00 €	12
350 x 25,4	100 m/s	5500 rpm	20 / 53 / 3,1 / 6	1	355728	206,00 €	12

Diamond cutting blade

DT 350 A EXTRA



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

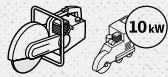
Diameter x Bore in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	337731	61,20 €	12
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	337729	61,20 €	12
350 x 20	100 m/s	5500 rpm		21 / 40 / 3,2 / 10	1	337732	77,20 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 10	1	337730	77,20 €	12
400 x 20	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349236	108,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349237	108,00 €	12
450 x 25,4	100 m/s	4300 rpm		28 / 40 / 3,7 / 10	1	337734	129,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 10	1	337735	155,00 €	12

Recommended prices.

Diamond cutting blades for petrol powered cutters and joint cutters

Diamond cutting blade

DT 602 A SUPRA



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	327025	112,00 €	12
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	325060	112,00 €	12
350 x 20	100 m/s	5500 rpm		21 / 40 / 3,2 / 10	1	327026	141,00 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 10	1	325092	141,00 €	12
400 x 20	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349228	199,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349240	199,00 €	12
450 x 25,4	100 m/s	4300 rpm		28 / 40 / 3,7 / 10	1	325128	237,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 10	1	325171	285,00 €	12

Diamond cutting blade

DT 612 A SUPRA



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 10	1	330075	138,00 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 10	1	330076	174,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 10	1	349227	244,00 €	12
450 x 25,4	100 m/s	4300 rpm		28 / 40 / 3,7 / 10	1	330078	290,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 10	1	330079	348,00 €	12

Recommended prices.

Diamond cutting blades for joint cutters



Diamond cutting blade

DT 902 A SPECIAL



Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

Advantages: Very high cutting performance - 12 mm high segments - Protective segments to guard the blade

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 12	1	325062	185,00 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 12	1	325094	232,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 12	1	349239	326,00 €	12
450 x 25,4	100 m/s	4300 rpm		28 / 40 / 3,7 / 12	1	325130	388,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 12	1	325173	465,00 €	12

Diamond cutting blade

DT 910 A SPECIAL



Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■■□
Service life	■■■■■■■■■

Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

Advantages: Good cutting performance - 12 mm high segments - Protective segments to guard the blade - Exceptional service life

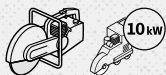
Diameter x Bore in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		21 / 40 / 2,8 / 12	1	325077	202,00 €	12
350 x 25,4	100 m/s	5500 rpm		24 / 40 / 3,2 / 12	1	325110	257,00 €	12
400 x 25,4	100 m/s	4800 rpm		28 / 40 / 3,6 / 12	1	349229	339,00 €	12
450 x 25,4	100 m/s	4300 rpm		30 / 40 / 3,7 / 12	1	325161	404,00 €	12
500 x 25,4	100 m/s	3900 rpm		35 / 40 / 3,7 / 12	1	325189	486,00 €	12

Recommended prices.

Diamond cutting blades for petrol powered cutters and joint cutters

Diamond cutting blade

DT 350 AB EXTRA



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	■■■■■□□□	18 / 40 / 2,8 / 12	1	340232	92,90 €	12
300 x 25,4	100 m/s	6400 rpm	■■■■■□□□	18 / 40 / 2,8 / 12	1	340241	92,90 €	12
350 x 20	100 m/s	5500 rpm	■■■■■□□□	21 / 40 / 3,2 / 12	1	340236	117,00 €	12
350 x 25,4	100 m/s	5500 rpm	■■■■■□□□	21 / 40 / 3,2 / 12	1	340240	117,00 €	12
400 x 25,4	100 m/s	4800 rpm	■■■■■□□□	24 / 40 / 3,6 / 12	1	349235	164,00 €	12

Diamond cutting blade

DT 612 AB SUPRA



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	■■■■■□□□	18 / 40 / 2,8 / 10	1	332344	142,00 €	12
300 x 25,4	100 m/s	6400 rpm	■■■■■□□□	18 / 40 / 2,8 / 10	1	330080	142,00 €	12
350 x 20	100 m/s	5500 rpm	■■■■■□□□	21 / 40 / 3,2 / 10	1	332345	179,00 €	12
350 x 25,4	100 m/s	5500 rpm	■■■■■□□□	21 / 40 / 3,2 / 10	1	330081	179,00 €	12
400 x 20	100 m/s	4800 rpm	■■■■■□□□	24 / 40 / 3,6 / 10	1	349225	252,00 €	12
400 x 25,4	100 m/s	4800 rpm	■■■■■□□□	24 / 40 / 3,6 / 10	1	349226	252,00 €	12
450 x 25,4	100 m/s	4300 rpm	■■■■■□□□	28 / 40 / 3,7 / 10	1	330083	301,00 €	12
500 x 25,4	100 m/s	3900 rpm	■■■■■□□□	30 / 40 / 3,7 / 10	1	330084	361,00 €	12

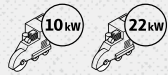
Recommended prices.

Diamond cutting blades for petrol powered cutters, table saws and joint cutters



Diamond cutting blade

DT 910 BF SPECIAL



Properties

Design	Laser welded
Segmentation	with protective segments
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:

Green concrete	●
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Advantages: Smooth and easy cutting performance - 12 mm 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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		21 / 40 / 2,8 / 12	1	330085	223,00 €	12
350 x 25,4	100 m/s	5500 rpm		24 / 40 / 3,2 / 12	1	330086	282,00 €	12
400 x 25,4	100 m/s	4800 rpm		28 / 40 / 3,6 / 12	1	349224	394,00 €	12
450 x 25,4	100 m/s	4300 rpm		30 / 40 / 3,7 / 12	1	330088	470,00 €	12
500 x 25,4	100 m/s	3900 rpm		35 / 40 / 3,7 / 12	1	330089	563,00 €	12

Diamond cutting blade

DT 350 B EXTRA



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

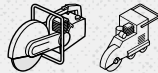
Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	21 / 40 / 2,8 / 10	1	352749	65,80 €	12
350 x 20	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	354663	83,00 €	12
350 x 25,4	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	339830	83,00 €	12
400 x 25,4	100 m/s	4800 rpm	28 / 40 / 3,6 / 10	1	351133	116,00 €	12

Recommended prices.

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 concrete and all concrete products - Fast and easy cutting with low vibration - Optimum service life - Optimum price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	21 / 40 / 2,8 / 10	1	354795	75,20 €	12
300 x 25,4	100 m/s	6400 rpm	21 / 40 / 2,8 / 10	1	354796	75,20 €	12
350 x 20	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	354797	94,90 €	12
350 x 25,4	100 m/s	5500 rpm	24 / 40 / 3 / 10	1	354798	94,90 €	12
400 x 25,4	100 m/s	4800 rpm	28 / 40 / 3,6 / 10	1	354799	127,00 €	12

from November 1st 2021 the prices increase by

Diamond cutting blade

DT 602 B SUPRA



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 9	1	325056	92,30 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 9	1	325088	116,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 9	1	349242	163,00 €	12
450 x 25,4	100 m/s	4300 rpm		26 / 40 / 3,7 / 9	1	325136	194,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 9	1	325167	232,00 €	12

Recommended prices.

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	◐

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 in mm	Max. operating speed	Max. RPM	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 20	100 m/s	6400 rpm	20 / 40 / 2,8 / 12	1	325078	130,00 €	12
300 x 25,4	100 m/s	6400 rpm	20 / 40 / 2,8 / 12	1	325079	130,00 €	12
350 x 20	100 m/s	5500 rpm	22 / 40 / 3 / 12	1	325080	148,00 €	12
350 x 25,4	100 m/s	5500 rpm	22 / 40 / 3 / 12	1	325081	148,00 €	12
400 x 20	100 m/s	4800 rpm	26 / 40 / 3,6 / 12	1	347489	207,00 €	12
400 x 25,4	100 m/s	4800 rpm	26 / 40 / 3,6 / 12	1	347490	207,00 €	12

Diamond cutting blade

DT 902 B SPECIAL



Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□



Applications:

Cured concrete	●
Cured concrete, reinforced	●

Advantages: First-rate cutting performance - Ultra fast cutting speed - Also suitable for concrete with strong reinforcement

Diameter x Bore in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		18 / 40 / 2,8 / 11	1	325058	138,00 €	12
350 x 25,4	100 m/s	5500 rpm		21 / 40 / 3,2 / 11	1	325090	174,00 €	12
400 x 25,4	100 m/s	4800 rpm		24 / 40 / 3,6 / 11	1	349241	244,00 €	12
450 x 25,4	100 m/s	4300 rpm		26 / 40 / 3,7 / 11	1	325138	290,00 €	12
500 x 25,4	100 m/s	3900 rpm		30 / 40 / 3,7 / 11	1	325169	348,00 €	12

Recommended prices.

Diamond cutting blades for joint cutters / Reduction rings

Diamond cutting blade

DT 910 B SPECIAL



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 in mm	Max. operating speed	Max. RPM	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
300 x 25,4	100 m/s	6400 rpm		21 / 40 / 2,8 / 11	1	325073	151,00 €	12
350 x 25,4	100 m/s	5500 rpm		24 / 40 / 3,2 / 11	1	325106	193,00 €	12
400 x 25,4	100 m/s	4800 rpm		28 / 40 / 3,6 / 11	1	349230	269,00 €	12
450 x 25,4	100 m/s	4300 rpm		32 / 40 / 3,7 / 11	1	325182	319,00 €	12
500 x 25,4	100 m/s	3900 rpm		36 / 40 / 3,7 / 11	1	325193	385,00 €	12

Reduction rings

DZ 100 RR



Advantages: Reduction rings with serration for enhanced adhesion

Diameter x Width x Bore in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
22,23 x 1,2 x 15,88	Bore 22,23 mm	1	337148	4,12 €	14
22,23 x 1,2 x 20	Bore 22,23 mm	1	337282	4,12 €	14
25,4 x 2 x 20	DT 300 U (325350)	1	328933	4,12 €	14
25,4 x 2,5 x 20	DT 602 A + DT 600 U	1	328934	4,12 €	14
25,4 x 9 x 20	DT 350 A + DT 350 U + DT 602 A	1	339133	4,12 €	14
25,4 x 2 x 22,23	Bore 25,4 mm	1	353265	4,12 €	14
30 x 2 x 25,4	Bore 30,00 mm	1	337344	4,12 €	14
30 x 2,5 x 25,4	Bore 30,00 mm	1	353266	4,12 €	14
30 x 2,5 x 20	Bore 30,00 mm	1	353267	4,12 €	14
30 x 2 x 22,23	Bore 30,00 mm	1	353268	4,12 €	14
30 x 2 x 20	Bore 30,00 mm	1	353269	4,12 €	14

Recommended prices.

Drill bits with R 1/2" connection



R 1/2" BSP Male drill bit

DK 612 B SUPRA



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:

Concrete, universal	●
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Advantages: Drill bits for universal applications - High cutting speed and service life - Can be used on electric drilling machines - For replacement segments, see DE 600 B

Diameter in mm	Thread/Shaft	Effective length in mm	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
51	thread 1/2"	300	5 / 24 / 2,5 / 10	1	325720	123,00 €	12
56	thread 1/2"	300	5 / 24 / 2,5 / 10	1	325721	125,00 €	12
61	thread 1/2"	300	5 / 24 / 2,5 / 10	1	325722	133,00 €	12
71	thread 1/2"	300	7 / 24 / 2,5 / 10	1	325724	146,00 €	12
81	thread 1/2"	300	8 / 24 / 2,5 / 10	1	325755	167,00 €	12
91	thread 1/2"	300	8 / 24 / 2,5 / 10	1	325756	178,00 €	12
101	thread 1/2"	300	9 / 24 / 2,5 / 10	1	325757	190,00 €	12
111	thread 1/2"	300	9 / 24 / 2,5 / 10	1	325758	209,00 €	12
121	thread 1/2"	300	10 / 24 / 2,5 / 10	1	325759	228,00 €	12
131	thread 1/2"	300	10 / 24 / 2,5 / 10	1	325761	272,00 €	12
141	thread 1/2"	300	11 / 24 / 2,5 / 10	1	325762	279,00 €	12
151	thread 1/2"	300	12 / 24 / 2,5 / 10	1	325763	303,00 €	12
161	thread 1/2"	300	12 / 24 / 2,5 / 10	1	325764	323,00 €	12
171	thread 1/2"	300	12 / 24 / 2,5 / 10	1	325765	334,00 €	12
180	thread 1/2"	300	13 / 24 / 2,5 / 10	1	325766	361,00 €	12
201	thread 1/2"	300	15 / 24 / 2,5 / 10	1	325768	416,00 €	12

Recommended prices.

Drill bits with 1 1/4" UNC connection

1 1/4" UNC Female drill bit

DK 654 B SUPRA



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 in mm	Thread/Shaft	Effective length in mm	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
52	thread 1 1/4"	450	5 / 24 / 3,5 / 11	1	325769	131,00 €	12
56	thread 1 1/4"	450	5 / 24 / 3,5 / 11	1	325770	132,00 €	12
61	thread 1 1/4"	450	5 / 24 / 3,5 / 11	1	325771	139,00 €	12
62	thread 1 1/4"	450	5 / 24 / 3,5 / 11	1	325772	141,00 €	12
66	thread 1 1/4"	450	5 / 24 / 3,5 / 11	1	325773	147,00 €	12
72	thread 1 1/4"	450	6 / 24 / 3,5 / 11	1	325774	156,00 €	12
82	thread 1 1/4"	450	7 / 24 / 3,5 / 11	1	325775	179,00 €	12
92	thread 1 1/4"	450	8 / 24 / 3,5 / 11	1	325776	190,00 €	12
102	thread 1 1/4"	450	9 / 24 / 3,5 / 11	1	325777	199,00 €	12
112	thread 1 1/4"	450	10 / 24 / 3,5 / 11	1	325778	229,00 €	12
122	thread 1 1/4"	450	10 / 24 / 4 / 11	1	325779	259,00 €	12
132	thread 1 1/4"	450	10 / 24 / 4 / 11	1	325781	289,00 €	12
142	thread 1 1/4"	450	11 / 24 / 4 / 11	1	325782	299,00 €	12
152	thread 1 1/4"	450	12 / 24 / 4 / 11	1	325783	326,00 €	12
162	thread 1 1/4"	450	13 / 24 / 4 / 11	1	325784	345,00 €	12
172	thread 1 1/4"	450	13 / 24 / 4 / 11	1	325785	365,00 €	12
182	thread 1 1/4"	450	14 / 24 / 4 / 11	1	325786	396,00 €	12
202	thread 1 1/4"	450	15 / 24 / 4,5 / 11	1	325787	449,00 €	12
225	thread 1 1/4"	450	16 / 24 / 4,5 / 11	1	325788	549,00 €	12
250	thread 1 1/4"	450	17 / 24 / 4,5 / 11	1	325789	568,00 €	12
300	thread 1 1/4"	450	22 / 20 / 5 / 11	1	325790	708,00 €	12

Recommended prices.

Drill bits with ring segments, R 1/2" connection



R 1/2" BSP Male drill bit

DR 912 B SPECIAL



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ ■ ■ ■



Applications:

Concrete, universal	●
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Advantages: Fast cutting - Long service life on reinforced concrete - Suitable for drill stand or handheld drilling

Diameter in mm	Thread/Shaft	Effective length in mm	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
8	thread 1/2"	300	1 / 2 / 10	1	325791	77,50 €	12
10	thread 1/2"	300	1 / 2 / 10	1	325792	79,10 €	12
12	thread 1/2"	300	1 / 2 / 10	1	325793	82,20 €	12
14	thread 1/2"	300	1 / 2 / 10	1	325794	89,00 €	12
15	thread 1/2"	300	1 / 2,5 / 10	1	325795	94,00 €	12
16	thread 1/2"	300	1 / 2,5 / 10	1	325796	95,50 €	12
18	thread 1/2"	300	1 / 2,5 / 10	1	325797	98,70 €	12
20	thread 1/2"	300	1 / 2,5 / 10	1	325798	102,00 €	12
22	thread 1/2"	300	1 / 2,5 / 10	1	325799	112,00 €	12
24	thread 1/2"	300	1 / 2,5 / 10	1	325800	114,00 €	12
25	thread 1/2"	300	1 / 2,5 / 10	1	325801	115,00 €	12
26	thread 1/2"	300	1 / 2,5 / 10	1	325802	121,00 €	12
28	thread 1/2"	300	1 / 2,5 / 10	1	325803	125,00 €	12
30	thread 1/2"	300	1 / 2,5 / 10	1	325804	132,00 €	12
32	thread 1/2"	300	1 / 2,5 / 10	1	325805	152,00 €	12
35	thread 1/2"	300	1 / 3 / 10	1	325806	166,00 €	12
40	thread 1/2"	300	1 / 3 / 10	1	325807	174,00 €	12
42	thread 1/2"	300	1 / 3,5 / 10	1	325808	194,00 €	12
52	thread 1/2"	300	1 / 3,5 / 10	1	325811	215,00 €	12

Recommended prices.

Drill bit segments for DK 654 and DK 612

Ring segments for drill bits DR 912 B

Individual segment

DE 600 B SUPRA



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■□
Service life	■■■■■■■□

Applications:

Concrete, universal	●
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Advantages: Single, roof-shaped segments for a fast first cut - Replacement segments for DK 612 B and DK 654 drill bits

Segment length in mm	Suitable for	Segment in mm Length / Width / Height / Radius	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
20	Ø >272	20 / 5 / 11 / G	30	325839	9,80 €	12
24	Ø 56-62	24 / 3,5 / 11 / 30	30	325833	8,80 €	12
24	Ø 72-87	24 / 3,5 / 11 / 40	30	325834	8,80 €	12
24	Ø 92-112	24 / 3,5 / 11 / 50	30	325835	8,80 €	12
24	Ø 107-142	24 / 4 / 11 / 60	30	325836	9,80 €	12
24	Ø 142-182	24 / 4 / 11 / 80	30	325837	9,80 €	12
24	Ø 182-272	24 / 4 / 11 / 100	30	325838	9,80 €	12

Ring segment

DO 900 B SPECIAL



Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■
Service life	■■■■■■■

Applications:

Concrete, universal	●
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Advantages: Replacement ring segment for DR 912 B drill bit

Diameter in mm	Segment in mm Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
8	2 / 10	10	325812	28,30 €	12
10	2 / 10	10	325813	28,90 €	12
12	2 / 10	10	325814	30,10 €	12
14	2 / 10	10	325815	32,60 €	12
15	2,5 / 10	10	325816	34,40 €	12
16	2,5 / 10	10	325817	35,10 €	12
18	2,5 / 10	10	325818	36,20 €	12
20	2,5 / 10	5	325819	37,30 €	12
22	2,5 / 10	5	325820	43,50 €	12
24	2,5 / 10	5	325821	44,60 €	12

Recommended prices.



Core cutter and adapter kit

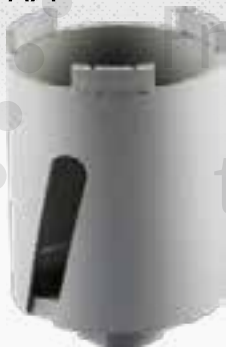


►► Continuation of DO 900 B Special, Ring segment

Diameter in mm	Segment in mm Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
25	2,5 / 10	5	325822	47,10 €	12
26	2,5 / 10	5	325823	48,20 €	12
28	2,5 / 10	5	325824	51,90 €	12
30	2,5 / 10	3	325825	54,20 €	12
32	2,5 / 10	3	325826	57,90 €	12
35	3 / 10	3	325827	66,30 €	12
40	3 / 10	3	325828	72,40 €	12
42	3,5 / 10	3	325829	81,90 €	12
52	3,5 / 10	3	325832	102,00 €	12

Core cutter for switch boxes

DD 600 U SUPRA



Properties

Design	Laser welded
Edge	Segmented
Aggression	■■■■■□□□
Service life	■■■■■■■□



Applications:

Masonry	●
Construction materials	●
Chalky sandstone	●

Advantages: For machining soft and medium-hard materials such as brick, clinker and firebrick - Hexagon mounting with center drill bit are separately available (see ADS200)

Diameter in mm	Thread/Shaft	Effective length in mm	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
68	thread M16	70	3 / 24 / 3,5 / 7	1	325390	53,50 €	12
82	thread M16	70	4 / 24 / 3,5 / 7	1	325391	64,30 €	12

Adapter kit

ADS 200



Advantages: SDS / hexagon adapter with 8 mm centre bit for article DD 600 U

Size in mm	Thread/Shaft	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115	SDS holding device	DD 600 U	1	236588	26,68 €	14
115	hexagonal	DD 600 U	1	236442	17,28 €	14

Recommended prices.

Diamond drill for stoneware

Diamond drill

DB 600 F SUPRA



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 in mm	Thread/Shaft	Max. RPM	Effective length in mm	Segment in mm Number / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6	1/4" bit, hexagonal	3000 rpm	32	1 / 10	1	325382	35,60 €	12
8	1/4" bit, hexagonal	3000 rpm	40	1 / 10	1	325527	39,30 €	12
10	1/4" bit, hexagonal	3000 rpm	40	1 / 10	1	325383	42,90 €	12
12	1/4" bit, hexagonal	3000 rpm	40	1 / 10	1	325384	49,90 €	12
14	1/4" bit, hexagonal	3000 rpm	40	1 / 10	1	325528	57,10 €	12

from November 1st 2021 the prices increase by

Diamond drill set

DB 600 F SUPRA Set



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 6 mm (325382), 1x Ø 8 mm (325527), 1x Ø 10 mm (325383), 1x Ø 12 mm (325384), 1x Ø 14 mm (325528), 1x hole starting aid (313807)

Advantages: Diamond drill bits and stainless steel centring aids in a convenient and sturdy aluminium case

Size in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
200 x 140 x 55	3000 rpm	1	331021	214,00 €	12

Recommended prices.

Dry drill bit for stoneware



Dry drill bit

DK 600 F SUPRA



Properties

Design	Vacuum-brazed
Edge	Closed



Applications:

Stoneware	●
Tiles	●
Stove tiles	●

Advantages: Dry drill bit for all standard angle grinders - Suitable for the hardest of tiles, masonry and stoneware - Freehand centering - Precise and accurate drilling - Clean edges, precise holes - No splitting, cracking or chipping - No water needed

Diameter in mm	Thread/Shaft	Max. RPM	Effective length in mm	Segment in mm Number / Height	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
6	thread M14	13300 rpm	35	1 / 10	1	330670	33,50 €	12
8	thread M14	13300 rpm	35	1 / 10	1	330671	35,10 €	12
10	thread M14	13300 rpm	35	1 / 10	1	330672	36,50 €	12
12	thread M14	13300 rpm	35	1 / 10	1	330673	38,10 €	12
14	thread M14	13300 rpm	35	1 / 10	1	330674	42,80 €	12
20	thread M14	13300 rpm	45	1 / 15	1	330675	44,10 €	12
22	thread M14	13300 rpm	45	1 / 15	1	330676	45,60 €	12
25	thread M14	13300 rpm	45	1 / 15	1	330677	53,40 €	12
26	thread M14	13300 rpm	45	1 / 15	1	325385	56,20 €	12
30	thread M14	13300 rpm	45	1 / 15	1	330678	60,90 €	12
35	thread M14	13300 rpm	45	1 / 15	1	330679	68,60 €	12
38	thread M14	13300 rpm	45	1 / 15	1	325386	79,20 €	12
40	thread M14	13300 rpm	45	1 / 15	1	330680	83,80 €	12
45	thread M14	13300 rpm	45	1 / 15	1	330681	91,50 €	12
50	thread M14	13300 rpm	45	1 / 15	1	330682	98,90 €	12
58	thread M14	13300 rpm	45	1 / 15	1	325387	103,00 €	12
65	thread M14	13300 rpm	45	1 / 15	1	325388	111,00 €	12
68	thread M14	13300 rpm	45	1 / 15	1	330683	114,00 €	12
70	thread M14	13300 rpm	45	1 / 15	1	325389	115,00 €	12
82	thread M14	13300 rpm	50	1 / 15	1	330685	118,00 €	12
112	thread M14	13300 rpm	50	1 / 15	1	330684	137,00 €	12

Recommended prices.

Dry drill bit for stoneware / Accessory

Dry drill bit set

DK 600 F SUPRA Set



Properties

Design	Vacuum-brazed
Edge	Closed



Applications:

Stoneware	●
Tiles	●
Stove tiles	●

Properties: 6-piece dry drill bit set in a Klingspor case

Contents: 2x Ø 6 mm (330670), 2x Ø 8 mm (330671), 1x Ø 10 mm (330672), 1x Ø 12 mm (330673);

Advantages: Dry drill bits in a convenient and sturdy aluminium case

Size in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
110 x 130 x 100	13300 rpm	1	331076	214,00 €	12

Hole starting aid

ABH 80



Advantages: Hole starting aid for professional diamond dry drill DB 600 F

Size in mm	Suitable for	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
55	DB 600 F	1	313807	51,59 €	14

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %



From November 1st 2021

the prices increase by

Schielix
Schwamm
100% Polyester
100% Made in Germany

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.



Mottling point fixing spindle with milled plane surface

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 champagne 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.

Klingspor mottling points are available with 2 shaft options

- ▶ a full length round shaft
- ▶ a shaft with a milled plain surface (see image above) for secure mounting

Please note the product descriptions provided on the following pages.

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>			●	●									339
	<i>RFM 652 bond E</i>				●									339
	<i>RFR 654 bond Z/E</i>	●	●	●	●	○	○	○	●			○	○	341
Sandflex	<i>SFM 656 bond W</i>			●										340
	<i>SFM 656 bond T</i>			●										340
	<i>SFK 655 block</i>	●	●	●	●	●	●	●	●	●	●	●	●	340

● = 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

Dimensions R-Flex point RFS 651

Ø [mm]	Possible widths [mm]	Grit size	Minimum order quantities	Requested grit type / grit size
15	15, 20, 25, 30	60, 120, 240	10	from 450 pieces
20	15, 20, 25, 30	60, 120, 240	10	from 450 pieces
25	10, 15, 20, 25, 30	60, 120, 240	10	from 250 pieces
30	10, 15, 20, 25, 30	60, 120, 240	10	from 250 pieces
40	10, 15, 20, 30, 40	60, 120, 240	10	from 160 pieces
50	10, 20, 30, 40	60, 120, 240	10	from 110 pieces
60	30, 40	60, 120, 240	10	from 90 pieces

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".

Dimensions R-Flex wheel RFR 654

Ø [mm]	Possible widths [mm]	Grit size	Minimum order quantities	Requested grit type / grit size
100	10, 15, 20, 25, 30, 35	60, 120, 240	1	from 15 pieces
125	10, 15, 20, 25, 30, 35	60, 120, 240	1	from 12 pieces
150	10, 15, 20, 25, 30, 35	60, 120, 240	1	from 6 pieces
175	15, 20, 25, 30, 35	60, 120, 240	1	from 6 pieces
200	15, 20, 25, 30, 35	60, 120, 240	1	from 6 pieces

Other grit sizes on request

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



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

Flexible abrasives

Mounted points, mottling points



R-Flex mounted points

RFS 651



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 in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
40 x 15 x 6	60	E	16 m/s	7600 rpm	10	14006	6,48 €	13
40 x 15 x 6	120	E	16 m/s	7600 rpm	10	14007	6,48 €	13
40 x 15 x 6	240	E	16 m/s	7600 rpm	10	14008	6,48 €	13
50 x 10 x 6	240	E	16 m/s	6100 rpm	10	14012	6,48 €	13
60 x 30 x 6	60	E	16 m/s	5000 rpm	10	14030	9,46 €	13
60 x 30 x 6	120	E	16 m/s	5000 rpm	10	14031	9,46 €	13

R-Flex mottling points

RFM 652



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 - Available in two executions: with full length round shaft (standard execution, stock items) or with flattened shaft for simple and secure clamping in tool holders with clamping screw (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 in mm	Grit	Bonding agent	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 30 x 6	60	E	8 m/s	5000 rpm	10	14033	9,78 €	13
30 x 30 x 6	120	E	8 m/s	5000 rpm	10	14034	9,78 €	13
40 x 30 x 6	120	E	8 m/s	3800 rpm	10	14036	10,20 €	13
50 x 30 x 6	60	E	8 m/s	3000 rpm	10	14037	10,59 €	13
50 x 30 x 6	120	E	8 m/s	3000 rpm	10	14038	10,59 €	13

Recommended prices.

Flexible abrasives

Mottling points / Hand block

Sandflex mottling points

SFM 656



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 in mm	Grit	Bonding agent		Max. operating speed		Max. RPM		Packing unit/pcs.		Cat. number		Price/pc. €		Discount group												
30 x 30 x 6	60	W		5 m/s		3200 rpm		10		13856		9,78 €		13												
30 x 30 x 6	120	W		5 m/s		3200 rpm		10		13857		9,78 €		13												
40 x 30 x 6	60	W		5 m/s		2400 rpm		10		13859		10,20 €		13												
40 x 30 x 6	120	W		5 m/s		2400 rpm		10		13860		10,20 €		13												
50 x 30 x 6	60	T		5 m/s		1900 rpm		10		334993		10,59 €		13												
50 x 30 x 6	60	W		5 m/s		1900 rpm		10		13862		10,59 €		13												
50 x 30 x 6	120	W		5 m/s		1900 rpm		10		13863		10,59 €		13												
60 x 30 x 6	60	T		5 m/s		1600 rpm		10		334995		11,05 €		13												
60 x 30 x 6	60	W		5 m/s		1600 rpm		10		13865		11,05 €		13												

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 in mm	Grit	Packing unit/pcs.		Cat. number		Price/pc. €		Discount group																		
80 x 50 x 20	30	18		13800		4,58 €		13																		
80 x 50 x 20	60	18		13801		4,58 €		13																		
80 x 50 x 20	120	18		13802		4,58 €		13																		
80 x 50 x 20	240	18		13803		4,58 €		13																		

Recommended prices.



Flexible abrasives

Hand block / R-Flex wheel



►► Continuation of SFK 655 Hand block

Width x Length x Height in mm	Grit	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
150 x 80 x 20	30	1	13804	13,66 €	13
150 x 80 x 20	60	1	13805	13,66 €	13
150 x 80 x 20	120	1	63231	13,66 €	13
150 x 80 x 20	240	1	13807	13,66 €	13

Hand block

SFK 655 Set



Properties

Bonding agent Plastic

Grain SiC

Applications:

Paint/Varnish ●

Glass/Stone ●

Wood ●

Plastic ●

Leather ●

Metals ●

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 in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
80 x 50 x 20	1	72129	83,16 €	13

R-flex wheel

RFR 654



Properties

Bonding agent Plastic

Grain Aluminium
oxide/SiC

Applications:

Stainless steel ●

Steel ●

NF metals ●

Aluminium ●

Plastic ●

Glass ●

Advantages: Versatile abrasive wheel - Deburring, matt finishing and finishing with one tool - Good adaptation to workpiece contour - Soft abrasion due to elastic structure - Can be used until completely worn down - Available in Aluminium oxide (bonding Z) and SiC (bonding E and W)

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

Recommended prices.

From November 1st 2021

the prices will increase by

+7



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 toothing options, you can be sure to achieve the desired outcome on any material and with unparalleled speed.

Type	Form	Page	Type	Form	Page
HF 100 A (ZYA)	Cylindrical	346	HF 100 J (KSI)	Conical shape, pointed nose (60°)	352
HF 100 B (ZYAS)	Cylindrical with end cut	347	HF 100 K (KSK)	Conical shape, pointed nose (90°)	353
HF 100 C (WRC)	Cylindrical with spherical head	348	HF 100 L (KEL)	Conical shape, round nose	353
HF 100 D (KUD)	Spherical shape	349	HF 100 M (SKM)	Conical shape, pointed nose	354
HF 100 E (TRE)	Oval shape	350	HF 100 N (WKN)	Dovetail	354
HF 100 F (RBF)	Conical shape	350	Sets of burrs		
HF 100 G (SPG)	Arch shape	351	HF 100	Set, 40 carbide burrs	355
HF 100 H	Flame shape	352	HF 100	Set, 5 carbide burrs	355
			HF 100 Steel	Set, 5 carbide burrs	356
			HF 100 INOX	Set, 5 carbide burrs	356

Cut	Materials																								
	Steel		Soft NF metals				Hard NF metals				Creep resistant materials		Cast iron		Plastics										
	Carbon steel	Tool steel	Non-alloyed steel	Case-hardened steel	Cast steel	Alloyed steel	Hardened steel	Aluminium	Messing	Copper	Zinc	Bronze	Titanium	Titanium alloy	Aluminium alloy (high SiC contingent)	Nickel based alloy	Cobalt based alloy	Grey cast iron	White cast iron	GRP	CFRP	Ebonite / Hard rubber	Thermoplastic material	Thermosets	
2	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●						●
3								●	●	●	●												●	●	
6	●	●	●	●	●	●	●		●	●		●	●	●	●	●	●	●	●	●	●				●
10	●	●	●	●	●	●	●											●	●						
11																●	●								

● = main application ○ = possible application

The cuts at a glance

2 Cuts

Standard cut / plain cut with good finishing properties for universal applications.



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.



From November 1st 2021

the prices increase by

New high performance tooth geometries for steel and INOX processing

Perfectly adapted to the respective group of processed material, the newly engineered blade geometries 10 (steel) and 11 (INOX) allow for a significantly higher stock removal rate when compared to the cross-cut toothing typically found on ordinary burrs.

The advantages at a glance:

- ▶ higher level of aggressiveness and cutting performance
- ▶ improved chip removal
- ▶ markedly enhanced service life thanks to reduced built-up edge formation
- ▶ less thermal stress on tool and workpiece
- ▶ decrease in annealing colours during INOX applications

10 cuts high performance tooth geometry - steel

Toothing optimised for steel processing; significantly higher stock removal rate compared to a standard cross-cut tooth geometry



11 cuts high performance tooth geometry - INOX

Toothing 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



Additional cuts available on request



Important safety recommendations

- ▶ Please ensure that a maximum 30% of the tools circumference is in contact with the workpiece
- ▶ Extra long burrs with extended shank require slower operating speeds
- ▶ Ensure the burr is clamped correctly in a regularly maintained operating tool
- ▶ Run the selected burr at the correct operating speed to avoid risks and to ensure an optimum tool performance
- ▶ Please observe the safety recommendations on the packaging

Maximum operating speeds

Burr head in mm	Max. RPM
2/2,4/3	100,000
4/4,8/5/6/6,3	65,000
8/9,6/10/11	55,000
12/12,7	35,000
16	25,000
19,2	20,000
25,4	15,000

From November 1st 2021

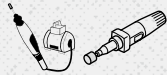
Recommended operating speeds

Burr head diameter in mm	Optimal speed range (RPM), depending on materials			
	The values in brackets are recommended starting speeds (start points) if no empirical values are already available			
	NF metals	Aluminium, plastic	Unhardened steels	Hardened steels, stainless steel
2/2,4/3	45,000	60,000	60,000	60,000
	(65,000)	(65,000)	(80,000)	(80,000)
	up to 80,000	up to 80,000	up to 80,000	up to 80,000
4/4,8/5/6/6,3	22,000	15,000	45,000	30,000
	(45,000)	(40,000)	(50,000)	(40,000)
	up to 60,000	up to 60,000	up to 60,000	up to 45,000
8/9,6/10/11	15,000	10,000	30,000	19,000
	(30,000)	(25,000)	(30,000)	(25,000)
	up to 40,000	up to 50,000	up to 40,000	up to 30,000
12/12,7	11,000	7,000	22,000	15,000
	(25,000)	(20,000)	(25,000)	(20,000)
	up to 30,000	up to 30,000	up to 30,000	up to 22,000
16	9,000	6,000	18,000	12,000
	(20,000)	(15,000)	(20,000)	(15,000)
	up to 20,000	up to 20,000	up to 20,000	up to 18,000
19,2	8,000	5,000	15,000	10,000
	(12,000)	(10,000)	(15,000)	(10,000)
	up to 17,000	up to 17,000	up to 17,000	up to 15,000
25,4	6,000	4,000	10,000	7,000
	(10,000)	(8,000)	(10,000)	(8,000)
	up to 13,000	up to 13,000	up to 13,000	up to 11,000

Carbide Burrs

Carbide burr

HF 100 A



Properties: Cylindrical burr without end-cut - Designation in accordance with DIN 8032: ZYA

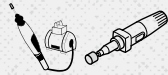
Advantages: For universal use - Especially suitable for surface grinding

Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	6	5	295482	7,80 €	14
6	18	50	6	2	1	295521	13,37 €	14
9,6	19	64	6	3	1	295563	23,56 €	14
12,7	25	70	6	3	1	295604	36,76 €	14
6	18	50	6	6	1	295531	13,37 €	14
8	19	64	6	6	1	295552	17,50 €	14
9,6	19	64	6	6	1	295568	18,80 €	14
12,7	19	64	6	6	1	295594	28,75 €	14
12,7	25	70	6	6	1	295609	29,36 €	14
16	25	70	6	6	1	295621	36,99 €	14
6	18	50	6	10	1	334116	14,69 €	14
8	19	64	6	10	1	334118	19,24 €	14
9,6	19	64	6	10	1	334120	20,67 €	14
12,7	25	70	6	10	1	334122	32,29 €	14
6	18	50	6	11	1	334117	16,04 €	14
8	19	64	6	11	1	334119	20,99 €	14
9,6	19	64	6	11	1	334121	22,54 €	14
12,7	25	70	6	11	1	334123	35,20 €	14

Recommended prices.

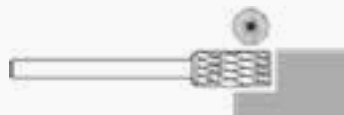
Carbide burr

HF 100 B



Properties: Cylindrical burr with end cut - Designation in accordance with DIN 8032: ZYAS

Advantages: The end cut makes it suitable for blind holes and faces on inner contours



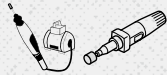
Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	6	5	295483	8,59 €	14
6,3	12,7	55	3	6	5	295507	14,08 €	14
6	18	50	6	2	1	295522	14,69 €	14
12,7	25	70	6	2	1	295603	32,28 €	14
6	18	50	6	3	1	295526	18,44 €	14
9,6	19	64	6	3	1	295564	25,91 €	14
12,7	25	70	6	3	1	295605	40,44 €	14
6	18	50	6	6	1	295532	14,69 €	14
8	19	64	6	6	1	295553	19,23 €	14
9,6	19	64	6	6	1	295569	20,68 €	14
12,7	19	64	6	6	1	295595	31,60 €	14
12,7	25	70	6	6	1	295610	32,28 €	14
16	25	70	6	6	1	295622	40,68 €	14
6	18	50	6	10	1	334124	16,16 €	14
8	19	64	6	10	1	334125	21,17 €	14
9,6	19	64	6	10	1	334131	22,74 €	14
12,7	25	70	6	10	1	334132	35,49 €	14

Recommended prices.

Carbide Burrs

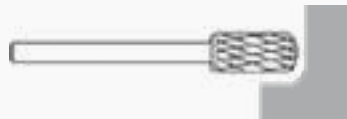
Carbide burr

HF 100 C



Properties: Cylindrical burr with ball end - Designation in accordance with DIN 8032: WRC

Advantages: For universal use on surfaces, contours and radiuses

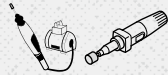


Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	2	5	295649	7,80 €	14
3	14	38	3	6	5	295654	7,80 €	14
6	18	50	6	2	1	295686	15,56 €	14
12,7	25	70	6	2	1	295747	32,89 €	14
6	18	50	6	3	1	295688	19,50 €	14
9,6	19	63	6	3	1	295725	26,25 €	14
12,7	25	70	6	3	1	295750	41,24 €	14
6	18	50	6	6	1	295694	15,56 €	14
8	19	63	6	6	1	295713	19,06 €	14
9,6	19	63	6	6	1	295727	20,95 €	14
12,7	19	64	6	6	1	295741	32,46 €	14
12,7	25	70	6	6	1	295753	32,89 €	14
16	25	70	6	6	1	295763	41,41 €	14
6	18	50	6	10	1	334133	17,12 €	14
8	19	64	6	10	1	334135	20,96 €	14
9,6	19	64	6	10	1	334137	23,04 €	14
12,7	25	70	6	10	1	334140	36,19 €	14
6	18	50	6	11	1	334134	18,66 €	14
8	19	64	6	11	1	334136	22,81 €	14
9,6	19	64	6	11	1	334138	25,12 €	14
12,7	25	70	6	11	1	334139	39,47 €	14

Recommended prices.

Carbide burr

HF 100 D



Properties: Ball-shaped burr - Designation in accordance with DIN 8032: KUD

Advantages: For use on contours - For deburring bore holes



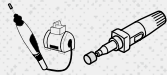
Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	2,5	38	3	6	5	295784	7,80 €	14
9,6	8	54	6	3	1	300054	21,51 €	14
12,7	11	56	6	3	1	295857	29,05 €	14
6	4,7	50	6	6	1	295819	14,31 €	14
8	6	52	6	6	1	295831	15,36 €	14
9,6	8	54	6	6	1	295843	17,17 €	14
12,7	11	56	6	6	1	295859	23,20 €	14
16	14	60	6	6	1	295868	28,75 €	14
6	4,7	50	6	10	1	334141	15,72 €	14
8	6	52	6	10	1	334143	16,91 €	14
9,6	8	54	6	10	1	334146	18,91 €	14
12,7	11	56	6	10	1	334147	25,49 €	14
6	4,7	50	6	11	1	334142	17,15 €	14
9,6	8	54	6	11	1	334145	20,62 €	14
12,7	11	56	6	11	1	334148	27,82 €	14

Recommended prices.

Carbide Burrs

Carbide burr

HF 100 E



Properties: Drop-shaped burr - Designation in accordance with DIN 8032: TRE

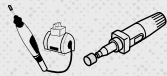
Advantages: For milling out fillet welds - Suitable for working on moulded parts



Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
8	15	60	6	6	1	295909	19,12 €	14
9,6	16	60	6	6	1	295916	20,95 €	14
12,7	22	67	6	6	1	295925	30,66 €	14
12,7	22	67	6	11	1	334150	36,78 €	14

Carbide burr

HF 100 F



Properties: Semi-circular burr - Designation in accordance with DIN 8032: RBF

Advantages: Well suited for working on moulded parts



Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	2	5	295946	7,80 €	14
3	14	38	3	6	5	295951	7,80 €	14
9,6	19	64	6	3	1	295985	25,66 €	14
12,7	25	70	6	3	1	296007	37,99 €	14
6	18	50	6	6	1	295971	16,25 €	14
9,6	19	64	6	6	1	295987	20,46 €	14
8	20	65	6	6	1	295978	19,12 €	14
12,7	25	70	6	6	1	296010	30,29 €	14
16	25	70	6	6	1	296020	41,84 €	14
9,6	19	64	6	10	1	334155	22,54 €	14
8	20	65	6	10	1	334153	21,03 €	14

Recommended prices.



►► Continuation of HF 100 F, Carbide Burr

Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
12,7	25	70	6	10	1	334157	33,33 €	14
9,6	19	64	6	11	1	334156	24,58 €	14
8	20	65	6	11	1	334154	22,94 €	14
12,7	25	70	6	11	1	334158	36,37 €	14

Carbide burr

HF 100 G



Properties: Pointed arch-shaped burr with flattened tip - Designation in accordance with DIN 8032: SPG

Advantages: Ideal for chamfering - For deburring bore holes



From November 1st 2021

the prices increase by

+79%

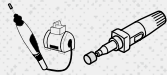
Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	2	5	296043	7,80 €	14
3	14	38	3	6	5	296047	7,80 €	14
6,3	12,7	45	3	6	5	296055	12,81 €	14
6	18	50	6	6	1	296062	16,25 €	14
8	19	64	6	6	1	296066	19,75 €	14
9,6	19	64	6	6	1	296074	21,86 €	14
12,7	19	64	6	6	1	296079	29,71 €	14
12,7	25	70	6	6	1	296086	29,71 €	14
6	18	50	6	10	1	334159	17,87 €	14
8	19	64	6	10	1	334161	21,69 €	14
9,6	19	64	6	10	1	334164	24,03 €	14
12,7	25	70	6	10	1	334165	32,70 €	14
8	19	64	6	11	1	334162	23,65 €	14
9,6	19	64	6	11	1	334163	26,19 €	14
12,7	25	70	6	11	1	334166	35,65 €	14

Recommended prices.

Carbide Burrs

Carbide burr

HF 100 H



Properties: Flame-shaped burr - No designation in accordance with DIN 8032

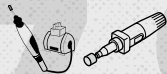
Advantages: Well suited for working on moulded parts



Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
8	19	64	6	6	1	296193	21,50 €	14
9,6	19	65	6	6	1	297074	37,32 €	14
12,7	32	77	6	6	1	296194	43,87 €	14
8	19	64	6	10	1	334167	23,62 €	14
12,7	32	77	6	10	1	334169	48,23 €	14
8	19	64	6	11	1	334168	25,79 €	14
12,7	32	77	6	11	1	334170	52,60 €	14

Carbide burr

HF 100 J



Properties: Conical burr - 60° angle - Designation in accordance with DIN 8032: KSJ

Advantages: Suitable for chamfering or bevelling

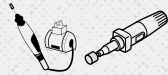


All sizes and minimum purchasing quantities available on request

Recommended prices.

Carbide burr

HF 100 K



Properties: Conical burr - 90° angle - Designation in accordance with DIN 8032: KSK

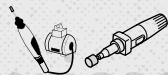
Advantages: For deburring bore holes - For chamfering or bevelling



All sizes and minimum purchasing quantities available on request

Carbide burr

HF 100 L



Properties: Conical round-nosed burr - Designation in accordance with DIN 8032: KEL

Advantages: For difficult-to-access areas



From November 1st 2021
the prices increase by
+7,9%

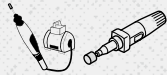
Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	14	38	3	6	5	296199	7,80 €	14
9,6	30	76	6	3	1	300055	32,82 €	14
12,7	32	77	6	3	1	297470	44,79 €	14
6	18	50	6	6	1	296200	16,61 €	14
8	25,4	70	6	6	1	296205	21,81 €	14
9,6	30	76	6	6	1	296201	26,19 €	14
12,7	32	77	6	6	1	296192	32,00 €	14
9,6	30	76	6	10	1	334172	28,78 €	14
12,7	32	77	6	10	1	334173	35,20 €	14
10	20	65	6	11	1	334204	31,40 €	14
8	25,4	70	6	11	1	334171	26,15 €	14
12,7	32	77	6	11	1	334174	38,37 €	14

Recommended prices.

Carbide Burrs

Carbide burr

HF 100 M



Properties: Pointed cone burr - Designation in accordance with DIN 8032: SKM
Advantages: For deburring tasks - For conical holes and grooves - Ideal for model building



Diameter in mm	Height in mm	Total length in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
3	11	38	3	6	5	296114	7,80 €	14
6	20	50	6	6	1	296136	16,61 €	14
9,6	16	64	6	6	1	296144	26,25 €	14
8	18	64	6	6	1	300052	24,27 €	14
12,7	22	71	6	6	1	296148	32,86 €	14

From November 1st 2021
the prices increase by 7,9%

Carbide burr

HF 100 N



Properties: Angular burr without end cut - Designation in accordance with DIN 8032: WKN
Advantages: Suitable for difficult-to-access areas, inner edges or conical profiles

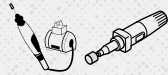


All sizes and minimum purchasing quantities available on request

Recommended prices.

Carbide burr

HF 100 set



Properties: 40 piece burr set, cut 6, in lockable Klingspor presentation box

Contents: 2 x HF 100 B 6x18x6 (295532), 2 x HF 100 C 6x18x6 (295694), 2 x HF100 F 6x18x6 (295971), 2 x HF100 G 6x18x6 (296062), 2 x HF 100 L 6x18x6 (296200), 2 x HF 100 B 8x19x6 (295553), 2 x HF 100 C 8x19x6 (295713), 2 x HF 100 F 8x20x6 (295978), 2 x HF 100 G 8x19x6 (296066), 2 x HF 100 L 8x25,4x6 (296205), 2 x HF 100 B 9,6x19x6 (295569), 2 x HF 100 C 9,6x19x6 (295727), 2 x HF 100 F 9,6x19x6 (295987), 2 x HF 100 G 9,6x19x6 (296074), 2 x HF 100 L 9,6x30x6 (296201), 2 x HF 100 B 12,7x25x6 (295610), 2 x HF 100 C 12,7x25x6 (295753), 2 x HF 100 F 12,7x25x6 (296010), 2 x HF 100 G 12,7x25x6 (296086), 2 x HF 100 L 12,7x32x6 (296192)

Advantages: All top sellers at a glance

Size in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
335 x 225 x 380	6	6	1	300627	949,67 €	14

From November 1st 2021

Carbide burr

HF 100 set



Properties: 5 piece burr set, cut 6, in a Klingspor screw box

Contents: HF 100 B 9,6x19x6 (295569), HF 100 C 9,6x19x6 (295727), HF 100 D 9,6x8x6 (295843), HF 100 E 9,6x16x6 (295916), HF 100 F 9,6x19x6 (295987)

Advantages: Presentation of the top sellers - Practical and safe storage of the burrs

Size in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
70 x 70 x 100	6	6	1	336927	101,18 €	14

the prices increase by

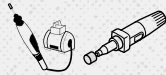
7.5%

Recommended prices.

Carbide Burrs

Carbide burr

HF 100 Steel



Properties: 5 piece burr set, cut 10, in Klingspor screw box

Contents: HF 100 A 9.6x19x6 (334120), HF 100 C 9.6x19x6 (334137), HF 100 D 9.6x8x6 (334146), HF 100 F 9.6x19x6 (334155), HF 100 L 9.6x30x6 (334172)

Advantages: Presentation of high performance Steel tooth geometry (Cut 10), safe and convenient storage of the burrs - Tothing optimised for processing steel and cast steel - Strikingly improved stock removal performance by contrast with standard cross-cut tooth geometries

Size in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
70 x 70 x 100	6	10	1	337154	125,19 €	14

From November 1st 2021

Carbide burr

HF 100 Inox



Properties: 5 piece burr set, cut 11, in a Klingspor screw box

Contents: HF 100 A 9,6x19,0x6 (334121), HF 100 C 9,6x19x6 (334138), HF 100 D 9,6x8x6 (334145), HF 100 F 9,6x19x6 (334156), HF 100 L 10x20x6 (334204)

Advantages: Presentation of the high performance Inox cut - Practical and safe storage of the burrs - Optimized cut for working on austenitic, corrosion and acid-proof stainless steels - Considerably higher stock removal rate compared to the standard double cut

Size in mm	Shaft diameter in mm	Cut	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
70 x 70 x 100	6	11	1	334221	135,40 €	14

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %



Wire brushes

About the product

The wire brushes made by Klingspor are used for a wide variety of machining tasks in the steel and stainless steel sector. A key benefit a wire brush holds over abrasives is the fact that the brush only works on the surface of the workpiece without changing the shape of the workpiece to be processed. This benefit is of particular importance during work on ultra-thin sheet metal.

The selection of wire brushes offered by Klingspor comprises a comprehensive range of products that are designed for the most diverse machining tasks, materials and machines.

Applications

- ▶ Cleaning of weld seams and surfaces (rust removal, descaling, paint stripping)
- ▶ Deburring of cutting edges
- ▶ Structuring of surfaces (creating matt, satin or rough finishes)

From November 1st 2021

the prices increase by

Machines	Type of wire brush	Wire style	Bristle material	Material applications									Type	Page			
				Construction steel	Carbon steel	Alloyed steels	Cast iron	Stainless steel	Aluminium	Copper	Brass	Wood					
	Wheel brush	Knotted	Steel wire	●	●	●	●								<i>BR 600 Z</i>	366	
			INOX wire					●	●	●	●				<i>BRP 600 Z</i>	366	
	Pipeline brush	Knotted	Steel wire	●	●	●	●								<i>BK 600 Z</i>	367	
				INOX wire					●	●	●	●					
	Cup-shaped brush	Knotted	Steel wire	INOX wire	●	●	●	●								<i>BT 600 Z</i>	367
				INOX wire					●	●	●	●					
	Crimped	Steel wire	INOX wire	●	●	●	●								<i>BT 600 W</i>	368	
			INOX wire					●	●	●	●						
	Wheel brush with shaft Ø 6 mm	Knotted	Steel wire	●	●	●	●								<i>BRS 600 Z</i>	368	
			INOX wire					●	●	●	●						
	Wheel brush with shaft Ø 6 mm	Crimped	Steel wire	●	●	●	●								<i>BRS 600 W</i>	369	
			INOX wire					●	●	●	●						
	Wheel brush with shaft Ø 6 mm	Abrasive bristle	SIC	●		●		●	●	●	●	●	●		<i>BRS 600 P</i>	369	
	Cup-shaped brush with shaft Ø 6 mm	Crimped	Steel wire	●	●	●	●								<i>BTS 600 W</i>	370	
			INOX wire					●	●	●	●						
	End brush with shaft Ø 6 mm	Knotted	Steel wire	INOX wire	●	●	●	●							<i>BPS 600 Z</i>	370	
				INOX wire					●	●	●	●					
	End brush with shaft Ø 6 mm	Crimped	Steel wire	INOX wire	●	●	●	●							<i>BPS 600 W</i>	371	
				INOX wire					●	●	●	●					
	Handheld brush with wooden handpiece	Straight	Steel wire	●	●	●	●								<i>BH 600</i>	372	
			INOX wire					●	●	●	●						
			Brass wire							●	●	●	●	●			
	Handheld brush with plastic handpiece	Crimped	Steel wire	INOX wire	●	●	●	●							<i>BHP 600</i>	372	
				INOX wire					●	●	●	●					
				Brass wire							●	●	●	●	●		
Handheld brush fillet weld	Straight	Steel wire	INOX wire	●	●	●	●							<i>BHK 600</i>	373		
			INOX wire					●	●	●	●						
Spark plug brush	Crimped	Steel wire	INOX wire					●	●	●	●			<i>BHZ 600</i>	373		
			Brass wire							●	●	●					

● = main application

Wire brushes

Applications guide

The most common brushes at a glance



Wheel brushes
Preparing and finishing weld seams, deburring and cleaning cutting edges, corners or angles



Cone brushes
For work on difficult-to-access areas, corners or edges as well as for surface cleaning



Cup-shaped brushes
For efficient rust, paint or weld spatter removal from large surfaces



End brushes
Ideal tool for work on the insides of pipes, drill holes or indentations



Handheld brushes
For the manual cleaning of surfaces and weld seams

Wire brushes

Applications guide



1. Klingspor logotype

Reference to certified Klingspor quality

2. Safety recommendations

3. Rotational speed

Reference to maximum permissible motor speed in revolutions per minute



4. Wire style

Klingspor offers wire brushes with knotted, crimped or SiC polyamide bristles

5. Area of application

The base colour of the tool gives an indication of the wire material used
Green = stainless steel
Silver = steel

From November 1st 2021

What the type designation reveals about the design of wire brushes

Product group	Type of wire brush	Performance class	Wire style
B Brushes	<ul style="list-style-type: none"> K Cone brush R Wheel brush RP Wheel brush pipeline T Cup-shaped brush TS Cup-shaped brush with shaft PS End brush with shaft RS Wheel brush with shaft H Handheld brush with wooden handpiece HP Handheld brush with plastic handpiece HK Fillet weld brush HZ Spark plug brush 	600 SUPRA	<ul style="list-style-type: none"> Z Knotted W Crimped P SiC polyamide bristles

Here explained by example of the BTS 600 W

Product group	Type of wire brush	Performance class	Wire style
B Brushes	TS Cup-shaped brush with shaft	600 SUPRA	W Crimped

Wire brushes

Applications guide

Bristle materials and their properties

Wire types / style

Steel wire

High strength quality steel wire with great tensile and bending fatigue strength for exceptional economy.



Knotted

- ▶ Aggressive brush action
- ▶ Long service life
- ▶ Minimum flexibility

Non-corrosive steel wire / INOX

Quality stainless steel wire with great tensile strength for a long service life. Resistant to corrosion during applications on chromium-nickel steel, aluminium and other NF metals.



Crimped

- ▶ Gentle, material-friendly brush action
- ▶ For sensitive surfaces and soft materials
- ▶ Perfect contouring to the shape of the workpiece



Brass wire

Soft, fine brass wire for the surface finish of NF metals (copper, brass).



Polyamide bristle

A flexible abrasive bristle interspersed with SiC abrasive grain. Uniform brush action thanks to the continuous release of new abrasive grain.



Safe application of wire brushes

The maximum operating speed of the brush varies with the diameter of the brush and must never be exceeded for safety reasons. Before using the brush, always verify that the motor speed of the machine does not exceed the maximum operating speed of the brush.

Refer to the table below for a recommendation as to which brush diameter you can mount on which angle grinder:

		Ø 115 mm (max. 12,500 rpm)	Ø 125 mm (max. 11,500 rpm)	Ø 180 mm (max. 8,500 rpm)
Type of brush	Brush diameter			
	BR 600 Z Wheel brush, knotted	Ø 115 mm (max. 12,500 rpm)	Ø 125 mm (max. 12,500 rpm)	Ø 180 mm (max. 8,500 rpm)
	BRP 600 Z Pipeline brush, knotted	Ø 115 mm (max. 15,000 rpm)	Ø 125 mm (max. 12,500 rpm)	Ø 180 mm (max. 9,000 rpm)
	BK 600 Z Cone brush, knotted	Ø 100 mm Ø 115 mm (max. 12,500 rpm)		
	BT 600 Z Cup-shaped brush, knotted	Ø 65 mm (max. 12,500 rpm)		Ø 80 mm Ø 100 mm (max. 8,500 rpm)
	BT 600 W Cup-shaped brush, crimped	Ø 65 mm (max. 12,500 rpm)		Ø 80 mm Ø 100 mm (max. 8,500 rpm)

Wire brushes

Applications guide

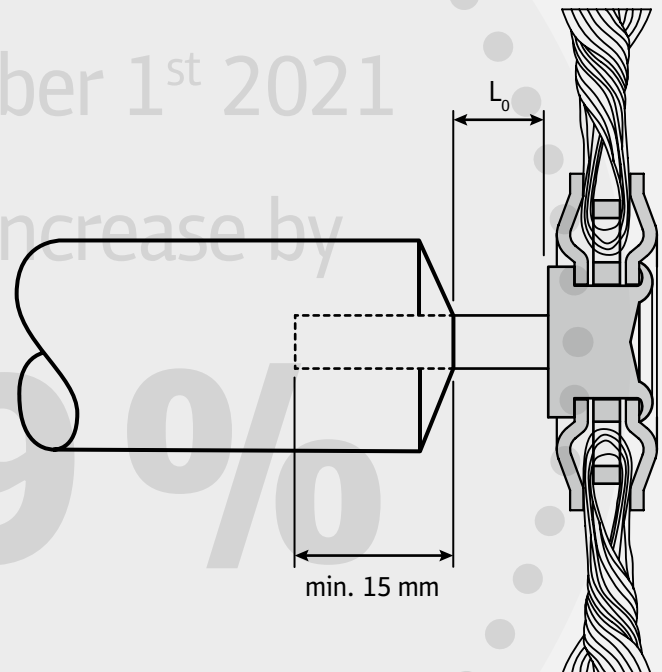
Cutting speeds

The cutting speeds are dependent on the material to be processed. Working within the proper speed range is paramount to the economical operation of the brush. Depending on the material, we recommend using the following cutting speeds as guidelines:

Material	Cutting speed [m/s]										
	10	15	20	25	30	35	40	45	50	55	
Steel								40-50			
Stainless steel					30-35						
NF metals			18-22								
Plastic		15-20									

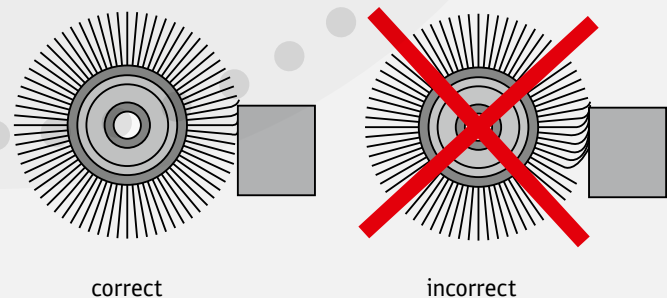
Safe use of shaft brushes

The receiving shaft should be as low as possible, but should be clamped into the tool holder with a depth of no less than 15 mm. If the exposed shaft length is $L_0 > 10\text{mm}$, the speed must be reduced for safety reasons.



Tool pressure

You will achieve an optimum sanding result when working only with the wire tips of the brush. Increasing the tool pressure will cause the brush to wear out faster due to wire breakage and thus reduce the service life of the brush.



Factors with an impact on the brushing result

If the brushing result does not satisfy your requirements, you can optimise the outcome by changing certain application parameters.

Measure Problem	Brush Ø	Rotational speed	Wire thickness	Bristle length
Brush action too weak	increase	increase	increase	reduce
Brush action too aggressive	decrease	reduce	reduce	extend
Surface finish too rough and uneven	decrease	reduce	reduce	extend
Surface finish too fine	increase	increase	increase	reduce
Formation of secondary burrs	increase	increase	increase	reduce

The safe use of Klingspor abrasives

Manufactured in compliance with the requirements set out in the EN 1083-2, Klingspor wire brushes guarantee the highest level of safety for the user.



Wear safety goggles or glasses to protect the eyes



Wear dust mask



Use ear protectors



Wear safety gloves to protect hands



Observe safety instructions

Wire brushes

Wheel brush, knotted wire

BR 600 Z



NEW !



Applications:

Stainless steel	●
Steel	●

Advantages: Wheel brush for pre- and post-processing of welding seams - For aggressive removal of scale, rust, slag - For heavy brushing and deburring work

Diameter x Width x Bore in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 14 x 22,23	Steel	0,50	22	20	12500 rpm	1	358311	7,41 €	14
115 x 14 x 22,23	Stainless steel	0,50	22	20	12500 rpm	1	358342	11,11 €	14
125 x 14 x 22,23	Steel	0,50	22	24	12500 rpm	1	358312	7,93 €	14
125 x 14 x 22,23	Stainless steel	0,50	22	24	12500 rpm	1	358343	11,89 €	14
178 x 14 x 22,23	Steel	0,50	42	30	9000 rpm	1	358313	15,94 €	14

the prices increase by

Pipeline brush, knotted wire

BRP 600 Z



NEW !



Applications:

Steel	●
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Advantages: Ideal tool for the professional processing of U / V-type welds in pipeline, pipework and container construction - Thanks to its slim overall width it is also well suited for working on hard-to-reach areas (e.g. root or narrow fillet welds) - Cleaning of all welding seams on pipe connections

Diameter x Width x Bore in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
115 x 6 x 22,23	Steel	0,50	28	32	15000 rpm	1	358314	7,93 €	14
125 x 6 x 22,23	Steel	0,50	22	36	12500 rpm	1	358315	8,47 €	14
178 x 6 x 22,23	Steel	0,50	42	48	9000 rpm	1	358319	17,04 €	14

Recommended prices.

Cone brush with thread, knotted wire

BK 600 Z



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Ideal tool for working on hard-to-reach areas, inside corners and bevels - High brushing capacity due to knotted wire design - Excellent for cleaning larger surfaces - Removal of scale, rust, paint, slag, etc.

Diameter x Width in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
100 x 14	thread M14	Steel	0,50	20	18	12500 rpm	1	358327	6,02 €	14
100 x 14	thread M14	Stainless steel	0,50	20	20	12500 rpm	1	358329	9,03 €	14
115 x 14	thread M14	Steel	0,50	22	18	12500 rpm	1	358328	8,37 €	14
115 x 14	thread M14	Stainless steel	0,50	22	20	12500 rpm	1	358330	12,55 €	14

Cup-shaped brush with thread, knotted wire

BT 600 Z



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: For aggressive brushing work on large, flat surfaces - For preparing metal surfaces before varnishing - Stable knotted wire design for easy cleaning and removal of slag, rust, scale and concrete residues

Diameter in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
65	thread M14	Steel	0,35	22	18	12500 rpm	1	358334	5,13 €	14
65	thread M14	Steel	0,50	22	18	12500 rpm	1	358335	5,33 €	14
65	thread M14	Stainless steel	0,50	22	18	12500 rpm	1	358340	7,98 €	14
80	thread M14	Steel	0,50	22	20	8500 rpm	1	358337	6,97 €	14
100	thread M14	Steel	0,50	27	22	8500 rpm	1	358338	9,36 €	14

Recommended prices.

Wire brushes

Cup-shaped brush, crimped wire

BT 600 W



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Ideal tool for cleaning and clearing profiled or uneven surfaces, e.g. checker plate - For medium-duty brushing work, derusting and removing paint, impurities and paint residues - Material-saving work - For processing very thin sheet metal, e.g. car workshops and restoration companies

Diameter in mm	Thread/Shaft	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
65	thread M14	Steel	0,30	21	12500 rpm	1	358372	3,99 €	14
65	thread M14	Stainless steel	0,30	21	12500 rpm	1	358377	5,99 €	14
80	thread M14	Steel	0,30	24	8500 rpm	1	358373	5,23 €	14
80	thread M14	Stainless steel	0,30	24	8500 rpm	1	358326	7,84 €	14
100	thread M14	Steel	0,30	27	8500 rpm	1	358375	7,03 €	14

From November 1st 2021 the prices increase by 7.9%

Wheel brush with shaft, knotted wire

BRS 600 Z



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Knotted design for rough brushing work and long service life - For efficient work in hard-to-reach areas such as grooves, flutes, depressions -Deburring of cut edges, removal of scale, paint, slag

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
75 x 12 x 6	37	Steel	0,50	19	15	25000 rpm	10	358320	4,72 €	14
75 x 12 x 6	37	Stainless steel	0,50	19	15	25000 rpm	10	358321	7,07 €	14

Recommended prices.

Wheel brush with shaft, crimped wire

BRS 600 W



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Crimped wire design for gentle cleaning of small to medium surfaces - Excellently suitable for components with difficult access such as beads, flanged edges - Good brushing performance even with profiled workpieces

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
30 x 9 x 6	40	Steel	0,20	6	20000 rpm	20	358346	1,85 €	14
30 x 9 x 6	40	Stainless steel	0,20	6	20000 rpm	20	358357	2,77 €	14
40 x 9 x 6	40	Steel	0,20	11	18000 rpm	20	358348	2,40 €	14
40 x 9 x 6	40	Stainless steel	0,20	11	18000 rpm	20	358358	3,58 €	14
50 x 9 x 6	40	Steel	0,30	13	15000 rpm	10	358354	2,83 €	14
50 x 9 x 6	40	Stainless steel	0,30	13	15000 rpm	10	358359	4,23 €	14
60 x 14 x 6	44	Steel	0,30	18	15000 rpm	10	358355	3,52 €	14
60 x 14 x 6	44	Stainless steel	0,30	18	15000 rpm	10	358360	5,28 €	14
70 x 16 x 6	48	Steel	0,30	20	15000 rpm	10	358356	3,76 €	14
70 x 16 x 6	48	Stainless steel	0,30	20	15000 rpm	10	358362	5,65 €	14

Wheel brush with shaft, polyamide bristles

BRS 600 P



NEW !



Applications:

Stainless steel	●
NF metals	●
Wood	●

Advantages: Abrasive bristles of polyamide interspersed with silicon carbide (SiC) grain for working with light contact pressure - Ideal for structuring and paint stripping of wooden components - Removal of oxide layers on non-ferrous metals or of tarnish colours on stainless steel components, e.g. filled rods on stainless steel railings

Diameter x Width x Shaft in mm	Total length in mm	Fill material	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 9 x 6	45	Polyamide SiC grit 120	10	6000 rpm	10	358364	5,66 €	14
50 x 9 x 6	45	Polyamide SiC grit 320	10	6000 rpm	10	358366	5,66 €	14
70 x 12 x 6	45	Polyamide SiC grit 120	14	4500 rpm	10	358367	10,65 €	14
70 x 12 x 6	45	Polyamide SiC grit 320	14	4500 rpm	10	358369	10,65 €	14

Recommended prices.

Wire brushes

Cup-shaped brush with shaft, crimped wire

BTS 600 W



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Ideal tool for cleaning small and medium-sized surfaces - Crimped wire ideal for fine machining or surface preparation of steel or stainless steel - Removes paint, rust, incrustations

Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
50 x 6	70	Steel	0,30	24	13000 rpm	20	358331	2,54 €	14
50 x 6	70	Stainless steel	0,30	24	13000 rpm	20	358332	3,81 €	14

End brush with shaft, knotted wire

BPS 600 Z



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: Tool diameter changes depending on the rotation speed - Perfectly suited for working on pipe inner surfaces or bores - High brushing effect due to knotted wire design

Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Number of knots	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
19 x 6	70	Steel	0,35	25	6	20000 rpm	20	358333	4,75 €	14
19 x 6	70	Stainless steel	0,35	25	6	20000 rpm	20	358336	7,11 €	14
22 x 6	70	Steel	0,35	25	8	20000 rpm	10	358339	6,48 €	14
22 x 6	70	Stainless steel	0,35	25	8	20000 rpm	10	358341	9,73 €	14
30 x 6	72	Steel	0,35	25	12	20000 rpm	10	358344	7,76 €	14
30 x 6	72	Stainless steel	0,35	25	12	20000 rpm	10	358345	11,65 €	14

Recommended prices.

End brush with shaft, crimped wire

BPS 600 W



NEW !



Applications:

Steel	●
Stainless steel	●

Advantages: For fine machining and removal of light burrs in pipes or bores - Well suited for processing and cleaning moulds and die-cast parts - Very soft and adaptable tool

Diameter x Shaft in mm	Total length in mm	Fill material	Wire thickness in mm	Fill length in mm	Max. RPM	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
12 x 6	70	Steel	0,30	25	20000 rpm	30	358350	2,75 €	14
12 x 6	70	Stainless steel	0,30	25	20000 rpm	30	358351	4,12 €	14
25 x 6	75	Steel	0,30	25	18000 rpm	10	358347	3,01 €	14
25 x 6	75	Stainless steel	0,30	25	18000 rpm	10	358352	4,53 €	14
30 x 6	75	Steel	0,30	25	18000 rpm	10	358349	3,29 €	14
30 x 6	75	Stainless steel	0,30	25	18000 rpm	10	358353	4,94 €	14

From November 1st 2021 the prices increase by **+7,9%**

Recommended prices.

Wire brushes

Hand brush with wooden body

BH 600



NEW !



Applications:

Steel	●
Stainless steel	●
NF metals	●

Advantages: Hand brush with wooden handle for manual removal of rust, dirt, paint

Length in mm	Overall length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
290	125	25	Steel	Straight	2	0,35	12	358361	0,92 €	14
290	125	25	Steel	Straight	3	0,35	12	358376	1,29 €	14
290	125	25	Steel	Straight	4	0,35	12	358365	1,61 €	14
290	125	25	Steel	Straight	5	0,35	12	358363	1,77 €	14
290	125	25	Stainless steel	Straight	3	0,30	12	358368	2,57 €	14
290	125	25	Stainless steel	Straight	4	0,30	12	358370	3,21 €	14
290	125	25	Brass	Crimped	3	0,35	12	358371	3,03 €	14
290	125	25	Brass	Crimped	4	0,35	12	358374	3,77 €	14

Hand brush with plastic handle

BHP 600



NEW !



Applications:

Steel	●
Stainless steel	●
NF metals	●

Advantages: Comfortable handling due to ergonomically shaped plastic handle - Crimped wire design for gentle cleaning of steel, stainless steel or non-ferrous metals

Length in mm	Overall length in mm	Fill length in mm	Fill material	Structure	Wire thickness in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
265	140	25	Steel	Crimped	0,30	24	358323	1,50 €	14
265	140	25	Stainless steel	Crimped	0,30	24	358324	3,01 €	14
265	140	25	Brass	Crimped	0,30	24	358325	3,54 €	14

Recommended prices.

Fillet weld brush

BHK 600



NEW !



Applications:

Steel	●
Stainless steel	●
NF metals	●

Advantages: V-shaped wire fill ideal for cleaning and cleansing fillet and V-type welds - Well suited for working in hard-to-reach areas, e.g. corners or angles

Length in mm	Overall length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
290	125	25	Steel	Straight	3	0,35	12	358378	2,99 €	14
290	125	25	Stainless steel	Straight	3	0,30	12	358379	5,97 €	14

Spark plug brush

BHZ 600



NEW !



Applications:

Steel	●
Stainless steel	●
NF metals	●

Advantages: Soft brass or stainless steel wire suitable for fine brushing work - Ideal for the gentle cleaning of contact surfaces, e.g. spark plugs or electrodes

Length in mm	Overall length in mm	Fill length in mm	Fill material	Structure	Number of rows	Wire thickness in mm	Packing unit/pcs.	Cat. number	Price/pc. €	Discount group
145	45	17	Brass	Crimped	3	0,17	25	358322	1,10 €	14
145	45	17	Stainless steel	Crimped	3	0,17	25	358463	0,93 €	14

Recommended prices.



ber 1st 2021

increas

790

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.

From November 1st 2021

the prices increase by

+7,9 %

Type	Machines								Material applications						Page		
	Hand sanding and finishing	Hand block	Orbital sander	Hand tool belt grinder	Portable belt sander	Angle grinder	Random orbital sander	Delta sander	Steel	Stainless steel	Paint / varnish / fillers	Wood	Metals	NF metals		Plastics	Glass / stone
PL 31 B	●	●	●								●	●	○				376
PS 11 A	●										●		○	●	○		379
PS 11 C	●										●		○	●	○		378
PL 31 B	●										●	●	○				379
KL 371 X	●												●	●			380
PL 31 B			●								●	●	○				380
PS 22 K			●						○	○	●	●		○			382
CS 310 XF				●				●	●			●	●				376
LS 309 XH					●					○	●	●	●				377
CS 561						●		●	○		○	●	●	○			378
A 60 TZ						●		●	●				●				384
PS 22 K							●		○	○	●	●		○			383
PS 22 K							●		○	○	●	●		○			382

● = main application ○ = possible application

The 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 handheld machine sanding

Available grits:

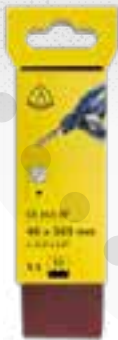
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000
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Width x Length in mm	Grit	Cat. number	Price/assortm. €	Discount group
115 x 5000	40	241817	7,78 €	1
115 x 5000	60	241818	6,30 €	1
115 x 5000	80	241819	5,60 €	1
115 x 5000	120	241820	5,07 €	1
115 x 5000	180	241821	5,07 €	1

Packing unit (Minimum order quantity) = 5 rolls

File belt, abrasive cloth

CS 310 XF D.I.Y. Packs



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
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Width x Length in mm	Grit	Belt joint	Cat. number	Price/assortm. €	Discount group
13 x 457	40	F4G	248820	3,63 €	4
13 x 457	60	F4G	248821	3,54 €	4
13 x 457	120	F4G	248822	3,45 €	4

Packing unit (Minimum order quantity) = 6 assortments of 3 belts

Recommended prices.

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:

Width x Length in mm	Grit	Belt joint	Cat. number	Price/assortm. €	Discount group
65 x 410	60	F5	7001	6,06 €	4
65 x 410	80	F5	7002	5,91 €	4
65 x 410	120	F5	7004	5,76 €	4
75 x 457	40	F5	9189	7,17 €	4
75 x 457	60	F5	9176	6,72 €	4
75 x 457	80	F5	9172	6,51 €	4
75 x 457	100	F5	9171	6,36 €	4
75 x 457	120	F5	7138	6,36 €	4
75 x 480	60	F5	7007	6,87 €	4
75 x 480	80	F5	7008	6,66 €	4
75 x 480	120	F5	7010	6,51 €	4
75 x 533	40	F5	7018	7,77 €	4
75 x 533	60	F5	7019	7,23 €	4
75 x 533	80	F5	7020	6,96 €	4
75 x 533	100	F5	7021	6,81 €	4
75 x 533	120	F5	7022	6,81 €	4
75 x 533	150	F5	7023	6,81 €	4
75 x 533	180	F5	7077	6,81 €	4
100 x 560	40	F5	7036	9,54 €	4
100 x 560	60	F5	7037	8,88 €	4
100 x 560	80	F5	7038	8,52 €	4
100 x 560	100	F5	7039	8,28 €	4
100 x 560	120	F5	7040	8,28 €	4
100 x 610	40	F5	7080	10,08 €	4
100 x 610	60	F5	7081	9,27 €	4
100 x 610	80	F5	7082	8,88 €	4
100 x 610	100	F5	7083	8,67 €	4
100 x 610	120	F5	7084	8,67 €	4
105 x 620	40	F5	7030	10,83 €	4
105 x 620	60	F5	7031	9,99 €	4
105 x 620	80	F5	7032	9,54 €	4
105 x 620	120	F5	7034	9,33 €	4

Packing unit (Minimum order quantity) = 6 assortments of 3 belts

Recommended prices.

The 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 in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
115 x 22	24	⊗ 30	255905	283,00 €	8
115 x 22	40	⊗ 30	255906	241,00 €	8
115 x 22	60	⊗ 30	255907	215,00 €	8
115 x 22	80	⊗ 30	255908	210,00 €	8
115 x 22	120	⊗ 30	255909	210,00 €	8
125 x 22	24	⊗ 30	255910	324,00 €	8
125 x 22	40	⊗ 30	255911	275,00 €	8
125 x 22	60	⊗ 30	255912	244,00 €	8
125 x 22	80	⊗ 30	255913	238,00 €	8
125 x 22	120	⊗ 30	255914	238,00 €	8

Packing unit (Minimum order quantity) = 5 assortments of 5 fibre discs

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 in mm	Grit	Cat. number	Price/100 assortm. €	Discount group
230 x 280	120	241787	458,00 €	5
230 x 280	180	241789	416,00 €	5

Packing unit (Minimum order quantity) = 5 assortments of 5 sheets

Recommended prices.

Abrasive paper, waterproof

PS 11 A D.I.Y. Packs



Properties		Applications:	
Bonding agent	Resin	Paint/Varnish/Filler	●
Grain	SiC	Plastic	●
Coating	Close	Glass/Stone	⊙
Backing	A-paper	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:

Width x Length in mm	Grit	Cat. number	Price/100 assortm. €	Discount group
230 x 280	240	241790	416,00 €	5
230 x 280	400	241791	416,00 €	5

Packing unit (Minimum order quantity) = 5 assortments of 5 sheets

Finishing paper

PL 31 B D.I.Y. Packs



Properties		Applications:	
Bonding agent	Glue	Paint/Varnish/Filler	●
Grain	Aluminium oxide	Wood	●
Coating	Semi-open	Metals	⊙
Backing	B-paper		

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

Available grits:

Width x Length in mm	Grit	Cat. number	Price/100 assortm. €	Discount group
230 x 280	40	241776	380,00 €	5
230 x 280	60	241777	323,00 €	5
230 x 280	80	241778	296,00 €	5
230 x 280	120	241779	279,00 €	5
230 x 280	240	241780	281,00 €	5

Packing unit (Minimum order quantity) = 5 assortments of 5 sheets

Recommended prices.

The D.I.Y. Range

Abrasive cloth, blue

KL 371 X D.I.Y. Packs



Properties

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

Applications:

Metals	●
NF metals	●

Advantages: Attractively priced universal product for surface hand 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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Width x Length in mm	Grit	Cat. number	Price/100 assortm. €	Discount group
230 x 280	40	241781	770,00 €	6
230 x 280	60	241783	690,00 €	6
230 x 280	80	241784	650,00 €	6
230 x 280	120	241785	630,00 €	6
230 x 280	240	241786	635,00 €	6

Packing unit (Minimum order quantity) = 5 assortments of 5 sheets

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 - Optimised wear properties for hand-held machine grinding - 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 in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
93 x 230	40		241732	374,00 €	5
93 x 230	60		241733	336,00 €	5
93 x 230	80		241734	318,00 €	5
93 x 230	120		241735	307,00 €	5
93 x 230	180		241736	307,00 €	5
93 x 230	40	GL 9	241725	481,00 €	5
93 x 230	60	GL 9	241726	443,00 €	5
93 x 230	80	GL 9	241727	425,00 €	5

Recommended prices.



►► Continuation of PL 31 B D.I.Y. Packs, Finishing paper

Width x Length in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
93 x 230	120	 GL 9	241728	414,00 €	5
93 x 230	180	 GL 9	241729	414,00 €	5
93 x 230	240	 GL 9	241730	415,00 €	5
115 x 280	40		241678	481,00 €	5
115 x 280	60		241679	424,00 €	5
115 x 280	80		241680	397,00 €	5
115 x 280	120		241681	380,00 €	5
115 x 280	180		241682	380,00 €	5
115 x 280	40	 GL 1	241670	579,00 €	5
115 x 280	60	 GL 1	241671	522,00 €	5
115 x 280	80	 GL 1	241673	495,00 €	5
115 x 280	120	 GL 1	241674	478,00 €	5

Packing unit (Minimum order quantity) = 5 assortments of 10 strips

Finishing paper

PL 31 B D.I.Y. Packs Set



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 - Optimised wear properties for hand-held machine grinding - Very fine surface scratch pattern - Assortments in three pieces grit 40, three pieces grit 80 and four 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
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Width x Length in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
93 x 230	several grain sizes		241738	258,00 €	5
93 x 230	several grain sizes	 GL 9	241731	433,00 €	5
115 x 280	several grain sizes		241684	342,00 €	5

Packing unit (Minimum order quantity) = 5 assortments of 10 strips

Recommended prices.

The D.I.Y. Range

Abrasive paper, self-fastening

PS 22 K D.I.Y. Packs



Properties

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

Applications:

Wood	●	Plastic	⓪
Metals	●		
Stainless steel	⓪		
Paint/Varnish/Filler	⓪		

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 in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
115 x 230	40	GL 15	241663	1.050,00 €	7
115 x 230	60	GL 15	241664	856,00 €	7
115 x 230	80	GL 15	241665	764,00 €	7
115 x 230	120	GL 15	241666	706,00 €	7
115 x 230	180	GL 15	241667	706,00 €	7

Packing unit (Minimum order quantity) = 5 assortments of 10 strips

Abrasive paper, self-fastening

PS 22 K D.I.Y. Packs



Properties

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

Applications:

Wood	●	Plastic	⓪
Metals	●		
Stainless steel	⓪		
Paint/Varnish/Filler	⓪		

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 in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
96	40	GLS 15	241656	309,00 €	7
96	60	GLS 15	241657	262,00 €	7
96	80	GLS 15	241658	240,00 €	7
96	120	GLS 15	241659	226,00 €	7
96	180	GLS 15	241660	226,00 €	7

Packing unit (Minimum order quantity) = 5 assortments of 5 triangles

Recommended prices.

Abrasive paper, self-fastening

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 in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
115	40	○ 0	278805	393,00 €	7
115	60	○ 0	278806	327,00 €	7
115	80	○ 0	278807	297,00 €	7
115	120	○ 0	278808	277,00 €	7
115	180	○ 0	278809	277,00 €	7
115	40	⊗ GLS 4	243219	403,00 €	7
115	60	⊗ GLS 4	241608	338,00 €	7
115	80	⊗ GLS 4	243220	307,00 €	7
115	120	⊗ GLS 4	241610	288,00 €	7
115	180	⊗ GLS 4	241611	288,00 €	7
125	40	○ 0	278810	441,00 €	7
125	60	○ 0	278811	365,00 €	7
125	80	○ 0	278812	329,00 €	7
125	120	○ 0	278813	306,00 €	7
125	180	○ 0	278814	306,00 €	7
125	40	⊗ GLS 5	241614	451,00 €	7
125	60	⊗ GLS 5	241625	375,00 €	7
125	80	⊗ GLS 5	241626	339,00 €	7
125	120	⊗ GLS 5	241627	316,00 €	7
125	180	⊗ GLS 5	241628	316,00 €	7
150	40	⊗ GLS 3	241649	590,00 €	7
150	60	⊗ GLS 3	241650	481,00 €	7
150	80	⊗ GLS 3	241651	430,00 €	7
150	120	⊗ GLS 3	241652	399,00 €	7
150	180	⊗ GLS 3	241653	399,00 €	7
150	40	⊗ GLS 51	319068	590,00 €	7
150	60	⊗ GLS 51	319069	481,00 €	7
150	80	⊗ GLS 51	319070	430,00 €	7
150	120	⊗ GLS 51	319071	399,00 €	7
150	180	⊗ GLS 51	319073	399,00 €	7

Packing unit (Minimum order quantity) = 5 assortments of 5 discs

Recommended prices.

The D.I.Y. Range

Abrasive paper, self-fastening

PS 22 K D.I.Y. Packs Set



Properties

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

Applications:

Wood	●	Plastic	⓪
Metals	●		
Stainless steel	⓪		
Paint/Varnish/Filler	⓪		

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
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Diameter in mm	Grit	Hole pattern	Cat. number	Price/100 assortm. €	Discount group
96	several grain sizes	△ GLS 15	241662	385,00 €	7
125	several grain sizes	⊙ GLS 5	241630	502,00 €	7
150	several grain sizes	⊙ GLS 51	319072	621,00 €	7

Packing unit (Minimum order quantity) = 5 assortments = 30 pieces (discs, triangles)

Cutting-off wheel

A 60 TZ SPECIAL D.I.Y Packs



Fe-S-Cl
<0,1%

Class SPECIAL

Bond	■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:

Stainless steel	●
Steel	●
NF metals	⓪

Advantages: Free of iron, sulfur and chlorine - Short cutting times - Minimal burr formation - Low thermal load

Diameter x Width x Bore in mm	Form	Max. operating speed	Max. RPM	Cat. number	Price/assortm. €	Discount group
115 x 1 x 22,23	—	80 m/s	13300 rpm	257875	16,45 €	11
125 x 1 x 22,23	—	80 m/s	12200 rpm	257876	18,89 €	11

Packing unit (Minimum order quantity) = 1 assortment of 10 cutting-off wheels

Recommended prices.

From November 1st 2021
the prices increase by

+7,9 %

Point of Sale

Flexible, easy care and maintenance, representative: The new, modular POS system by Klingspor

The full range of products – from the showroom to one-on-one selling. It must be representative, boost sales and be easy to care for – the requirements for a POS are manifold and keep changing. The new POS system by Klingspor can be configured according to individual needs.

Flexibility

The new Klingspor POS system is flexibly scalable. Standardised modules with a width of one metre can be extended in height and width. All new POS elements are fully compatible with previous Klingspor POS modules.

Optimally representative

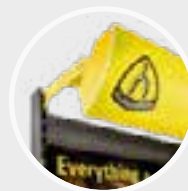
The effective image modules complement your POS presentation. The artwork can be customised according to your product range and display requirements.

Minimal effort for care and maintenance

The modular design and easily changeable magnetic foils keep your display up to date. Popular products and promotions that make for sales momentum can be installed on the display with a few simple steps. Products can be stored in the optional base drawer.

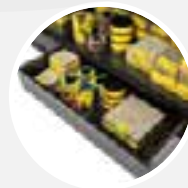
Point of Sale Brochure

Please request our Point of Sale brochure for more detailed information on the POS elements, modules and accessories.



Backlit top panels

Simple but effective. With backlit top panels that disperse light to the front as well as on the products, you'll find it easy to attract attention to your POS.



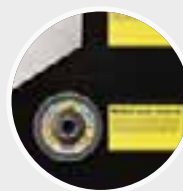
Optional storage space

A handy base drawer for storing fast moving products.



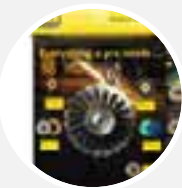
Flexible labelling due to detachable magnetic foils

Provide quick and easy changing.



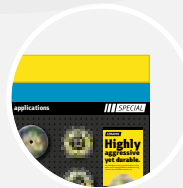
Representative image module

Highlight the products in your range with this effective hexagon design, which can be customised accordingly.



Customised artwork available

Design the POS with individual eye-catching designs. We are happy to advise you.



Magnetic top panels

The magnetic foils can also be applied to the centre gondola and enable easy care and maintenance.

Safety recommendations

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 use.
 - ▶ 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 or 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 remain usable for at least 5 years if stored in temperatures of 18-22 °C and at a relative humidity of 45-65 % and if protected against mechanical impact and the effects of radiation, chemicals, mould and other micro-organisms.
- ▶ 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, Vitrified 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 backing pad



Use ear protectors



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 and 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

§ 1 General information – area of validity

- (1) Exclusively our terms of sale apply to all transactions; we do not acknowledge additional or contrary terms, unless we have previously agreed to these in writing. Our terms of sale also apply if we make the delivery to the purchaser without any reservation, though we are aware of conditions contrary to and/or different from ours.
- (2) All agreements made between us and the purchaser for the purpose of fulfilling this contract are documented in writing within this contract.
- (3) Our terms of sale only apply to companies in the context of § 310, Paragraph 1 BGB.
- (4) Our terms of sale also apply to all further transactions with the purchaser.

§ 2 Bid – bid materials

- (1) If the order qualifies as a bid in accordance with § 145 BGB, we can accept this bid within two weeks.
- (2) We retain all ownership rights and copyrights applicable to all illustrations, drawings, estimates and all other related documentation. This also applies to those documents classified as “confidential”. Before transferring these to third parties, the purchaser requires our express written permission.

§ 3 Prices – payment conditions, packaging, shipping

- (1) Insofar as nothing to the contrary is indicated in the order confirmation, our prices are indicated as “ex works” prices, including packaging; if a particularly elaborate packaging is needed, the customer is responsible for these costs separately.
- (2) We reserve the right to change our prices in a manner appropriate to increases or decreases in our costs following the conclusion of the contract, especially as a result of wage agreements or changes in material costs; we will offer the purchaser evidence of these changes upon request.
- (3) The minimum value per order is € 250,- for transnational commerce (land borders), for overseas orders € 2.500,- (sea borders), insofar as no special agreements have been made.
- (4) We package all materials in the standard manner with our choice of packaging materials, upon consideration of the means of transportation (by sea, air, or land), and is included in the bid. In the case of special requests, the purchaser bears the costs for all packaging.
- (5) We are free to choose the means of transportation, insofar as no other special agreements have been made. The purchaser bears all costs for a special request regarding the method of shipping; this also applies to express (non-standard) and next-day shipping, even if we pay the initial freight charges.
- (6) Upon the purchaser’s request, we will cover the shipment by a transportation insurance policy; the purchaser bears all costs for this insurance.
- (7) Insofar as nothing to the contrary is indicated in the purchase order, the net purchase price (without deductions) is due within 30 days from the invoice date. The applicable statutory rules are effective in the case of delayed payment.
- (8) The deduction of a discount requires a separate written agreement.
- (9) The purchaser can only charge us if his counterclaim has been absolutely established, uncontested or acknowledged by us. In addition, the exercise of the right of retention is authorised insofar as the counterclaim is based on the same contractual relationship.

§ 4 Passing of risk

- (1) The risk is passed to the purchaser upon the transfer of the goods to the forwarding agent or carrier, at the latest, however, upon leaving our premises, unless other conditions have been expressly agreed upon.

§ 5 Delivery time

- (1) The commencement of the delivery time indicated by us requires the clarification of all technical questions.
- (2) In addition, the compliance with our delivery obligation requires the timely and proper fulfilment of the obligations on the part of the purchaser. We reserve the right to defend against non-fulfilment.
- (3) If the purchaser delays in the acceptance of the goods, or culpably violates other cooperation obligations, we are then authorised to claim the payment of damages, including additional expenses resulting from this violation, for the resulting loss. Additional claims are reserved.
- (4) If the requirements from Paragraph 3 are met, the risk of incidental loss or the incidental deterioration of the purchased item passes to the purchaser as soon as he is in delay, either in acceptance or in payment.
- (5) We are liable in accordance with the relevant statutory regulations, insofar as the purchase contract on which the relationship is based indicates the sale at a fixed point in time, in the context of § 286 Paragraph 2, No. 4 German Civil Law Code, or § 376 German Commercial Code. Only in case we confirmed the delivery date in our declaration of acceptance / offer expressly as “fix and binding”, delivery must be carried out latest or solely on this date (“Fixgeschäft”). We are also liable in accordance with the statutory regulations, insofar as the purchaser is authorised to assert that his interest in the continued fulfilment of the contract is no longer valid as a result of a delay in delivery for which we are responsible.
- (6) We are also then liable in accordance with the statutory regulations, insofar as the delay in delivery arises from an intentional or grossly negligent contractual violation on our part for which we bear responsibility; if our representatives or servants are responsible for the same, we are then liable for them. Insofar as the delay in delivery does not arise from an intentional contract violation on our part, the liability for damages is limited to the predictable, typically occurring damages.
- (7) We are also then liable in accordance with the statutory regulations, insofar as the delay in delivery arises from a culpable violation of a major contractual obligation; in this case, however, the liability for damages is limited to the predictable, typically occurring damages.
- (8) Further legal claims and rights of the purchaser are reserved.

§ 6 Liability for defects

- (1) Claims of defects on the part of the purchaser require that he has fulfilled his obligations of enquiry and reproof in accordance with § 377 German Commercial Code. For avoidance of consequential damage caused by a defect, the purchaser carries out appropriate test procedures at least with random samplings, before using the delivered goods.
- (2) Slight discrepancies in the colour of our products are not considered a defect, and therefore do not authorise a complaint.
- (3) Insofar as a defect on the purchased goods is present, we are authorised to our choice of subsequent performance, either in the form of elimination of the defects or delivery of a new object free of defects. In the case of the elimination of defects, we only bear those costs up to the amount of the purchase price.
- (4) If the subsequent performance is unsuccessful, the purchaser is authorised to his choice of either withdrawal from the contract or claiming a reduction in the purchase price.
- (5) We are liable in accordance with the relevant statutory regulations, insofar as the purchaser asserts claims for damages arising from intent or gross negligence, including intent or gross negligence on his part of our representatives or servants. Insofar as we are not accused of an intentional contract violation, the liability for damages is limited to the predictable, typically occurring damages.
- (6) We are liable in accordance with the relevant statutory regulations, insofar as we culpably violate a major contractual obligation; in this case, however, the liability for damages is likewise limited to the predictable, typically occurring damages.
- (7) Insofar as the purchaser is entitled to damages instead of repeat performance, our liability for damages is also limited in the context of Paragraph 3 to the predictable, typically occurring damages.
- (8) The liability for culpable injury to life, body or health remains untouched; this also applies to compulsory liability in accordance with the Product Liability Law.
- (9) Insofar as nothing to the contrary has been established within this agreement, the liability is excluded.
- (10) The statute of limitations for claims of defects is 12 months, calculated from the date of the passing of the risk.
- (11) In the case of coated abrasives delivered on large rolls (jumbo rolls), we will compensate those portions with discrepancies recognised by us by the addition of an at least equivalent amount of material which is free of defects. This addition is indicated on the goods; this manner of handling does not justify a complaint.

§ 7 Overall liability

- (1) Further liability for damages as designated in § 6 is – regardless of the legal nature of the asserted claim – excluded. This applies especially to claims for damages which arise from culpability at the conclusion of the contract, due to other violations of the respective obligations, or to illegitimate claims for property damages in accordance with § 823 German Civil Law Code.
- (2) Insofar as liability for damages on our part is excluded or limited, this also applies to the personal liability for damages on the part of our employees, representatives and servants.

§ 8 Assurance of retention of ownership

- (1) We reserve the ownership of the purchased goods until all payments resulting from the business transaction with the purchaser have been received. If the purchaser behaves in a manner contrary to the contract (this especially applies to a delay in payment), we are authorised to take back the purchased goods. This does not indicate our withdrawal from the contract unless we had made an expressly written statement to the contrary. The distraint of the purchased goods by us always signifies a withdrawal from the contract. After we have taken back the purchased goods, we reserve the right to utilise it as we see fit; the respective proceeds will be added to the purchaser's liabilities – minus reasonable costs of utilisation.
- (2) The purchaser is obligated to treat the purchased goods with the proper care; he is especially obligated to insure them sufficiently to the new value against damages from fire, water, and theft.
- (3) In the case of distraint or other intervention by third parties, the purchaser must inform us immediately in writing, so that we can file suit in accordance with the Code of Civil Procedure § 771. If the third party cannot reimburse us for the court-related and additional expenses in accordance with the Code of Civil Procedure § 771, the purchaser is liable for our expenses.
- (4) The purchaser is authorised to resell the goods through the proper channels; however, at this point, he makes all assignments to us in the amount of the final invoice total (including VAT) which he receives from the resale against his sub-purchaser or other third parties, and this regardless of whether the purchased goods have been sold without or after further processing. The purchaser is still authorised to collect this claim, even after the assignment. Our authorisation to collect this claim remains hereby untouched. We are obligated, however, to not collect this claim as long as the purchaser fulfils his obligation to pay us a share of the accrued revenues without delay, and especially does not apply for bankruptcy, settlement or insolvency, or the payments have been cancelled. If this is in fact the case, however, we can demand that the purchaser inform us of the assigned claims and who owes them, and provides all information necessary for the collection, including handing over the respective documentation and informing the debtor (a third party) who owes the payments.
- (5) The processing or reshaping of the purchased goods by the purchaser will always be done for us. If the purchased goods are processed along with other objects not belonging to us, we acquire the co-ownership of the new item in ratio of the value of the original goods (end amount on the invoice, including VAT) to the other processed objects at the time of processing. For the item produced as a result of this processing, the same applies as to the purchased goods delivered under reserve.
- (6) If the purchased goods are combined inseparably with other objects not belonging to us, we acquire the co-ownership of the new item in ratio of the value of the original goods (end amount on the invoice, including VAT) to the other combined objects at the time of combining. If the combining takes place in such a manner so that the purchaser's item is the main component, it is considered agreed that the purchaser transfers to us certain shares of co-ownership. In this way, the purchaser stores the sole property or joint property for us.
- (7) We are obligated to release the collateral entitled to us at the purchaser's request, insofar as the realisable value of our collateral exceeds the claims to be secured by more than 10 %; we reserve the right to choose which collateral we release.

§ 9 Jurisdiction – place of fulfilment

- (1) If the purchaser is a salesperson, the location of our company headquarters has jurisdiction over all disputes; we are authorised, however, to bring action against the purchaser at the jurisdiction for his place of residence.
- (2) Applicable law is that of the Federal Republic of Germany; the applicability of UN sales law is excluded.
- (3) Insofar as nothing to the contrary is indicated on the purchase order, our company headquarters is the place of fulfilment. Transport clauses in the order confirmation, unless explicit note with different wording, generally do not serve to determine a different place of fulfilment; this also applies to INCOTERMS.

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the prices increase by

+7,9 %

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