VSM
WE KNOW ABRASIVES

OUR PRODUCTS

VSM Product range 2019

Valid as of March 2019.
All previous prices are no longer valid.

PRODUCT HIGHLIGHTS OF THE COVER PAGE

VSM ACTIROX AF890 p. 124
VSM CERAMICS Plus XF885 p. 126
VSM STEARATE Plus XF733 p. 130

For almost every application

Whether it is about deburring of cast iron parts or bevelling or the finishing of coils or sheet metal: VSM has the solution you need for your application. Over 200 different series of products which are made into belts, discs, rolls, sheet and pads are tailored to suit customer requirements.

You can rely on the following:

- High-performing products made in Germany
- On site application-based advice
- Reliable delivery times
- Optimised, tailored grinding processes and preliminary tests at VSM's Technical Center
- Expertise based on co-operating with more than 60 machine manufacturers worldwide
- A global distribution network with subsidiaries and partners in more than 70 countries

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NEW PRODUCTS

VSM ACTIROX p. 14
VSM ILUMERON p. 16
VSM STEARATE Plus p. 18

General

About us 4
Contacts 6
Trainings 10
VSM quality pledge 12
New products 14
VSM grinding technology 20

Belts

Instructions for use 28
Belts · Cloth 34
Belts · Paper 90
Belts · Non-woven 94
Wide belts 96
File belts 104
Sleeves 116

Discs

Instructions for use 118
Fibre discs 124
Discs · Cloth 136
Discs · Paper 144
Discs · Non-woven 147

Rolls

Instructions for use 148
Rolls · Cloth 150
Rolls · Non-woven 155

Sheets and pads

Instructions for use 158
Sheets · Cloth 160
Sheets · Paper 161
Pads · Paper 163
Pads · Non-woven 164

Accessories

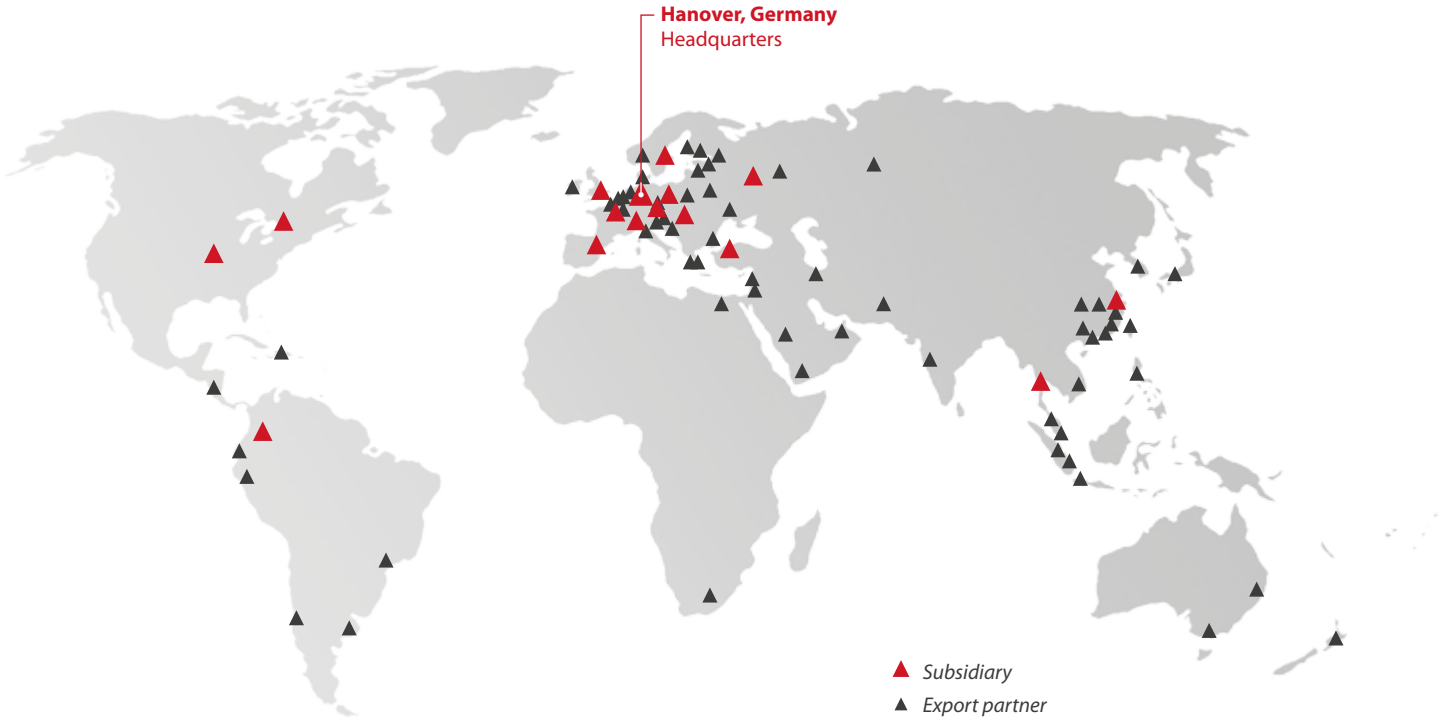
Instructions for use 166
Graphite 168
Magazines and holders 169
Hand sanding block 169
Back-up pads for fibre discs 170
Back-up pads for discs with paper and cloth backings 171

Product overviews

Product range metalworking 172
Product range other materials 178

Successful all over the world

VSM is the brand name of **VSM · Vereinigte Schmirgel- und Maschinen-Fabriken AG** founded by Siegmund Oppenheim and Siegmund Seeligmann in 1864, and became a public limited company in 1898. Its headquarters is located in Hanover-Hainholz, Germany, where the company was founded. VSM has more than 750 employees worldwide.



With more than 150 years of experience in the manufacturing of quality abrasives, VSM is one of the global leaders in the abrasives market. Specialised in premium grinding solutions for the metal and wood industries, VSM's market activities are based on a company strategy which focuses on the success of its customers.

Satisfied customers are the only benchmark for our company's performance. International VSM subsidiaries and a global distribution network ensure that manufacturers can get our full support in every region of the world.

Our sales service team for Germany

We look forward to your call!

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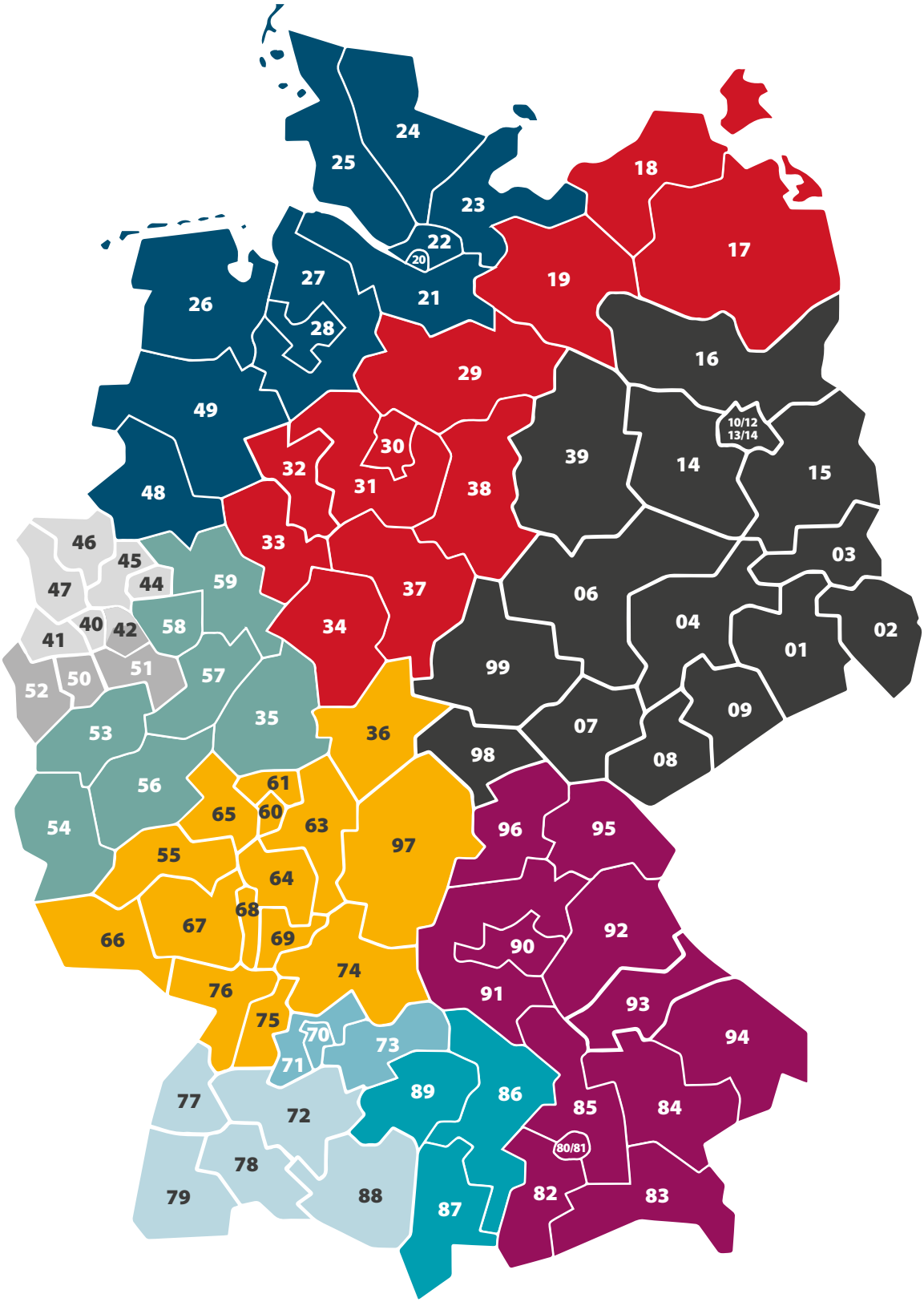
We provide support throughout Germany

Efficient. Competent. Reliable.



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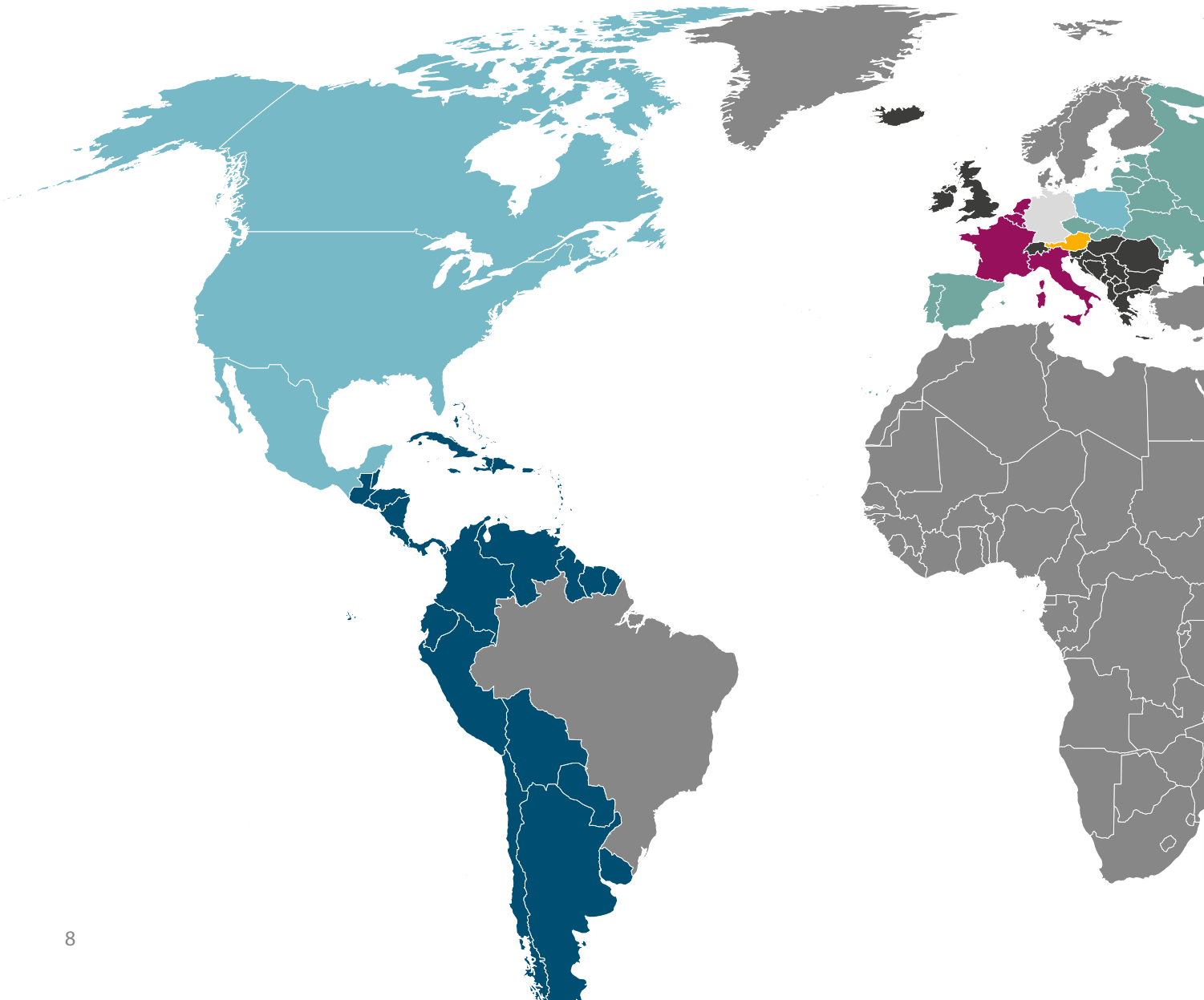

We provide support globally

Efficient. Competent. Reliable.

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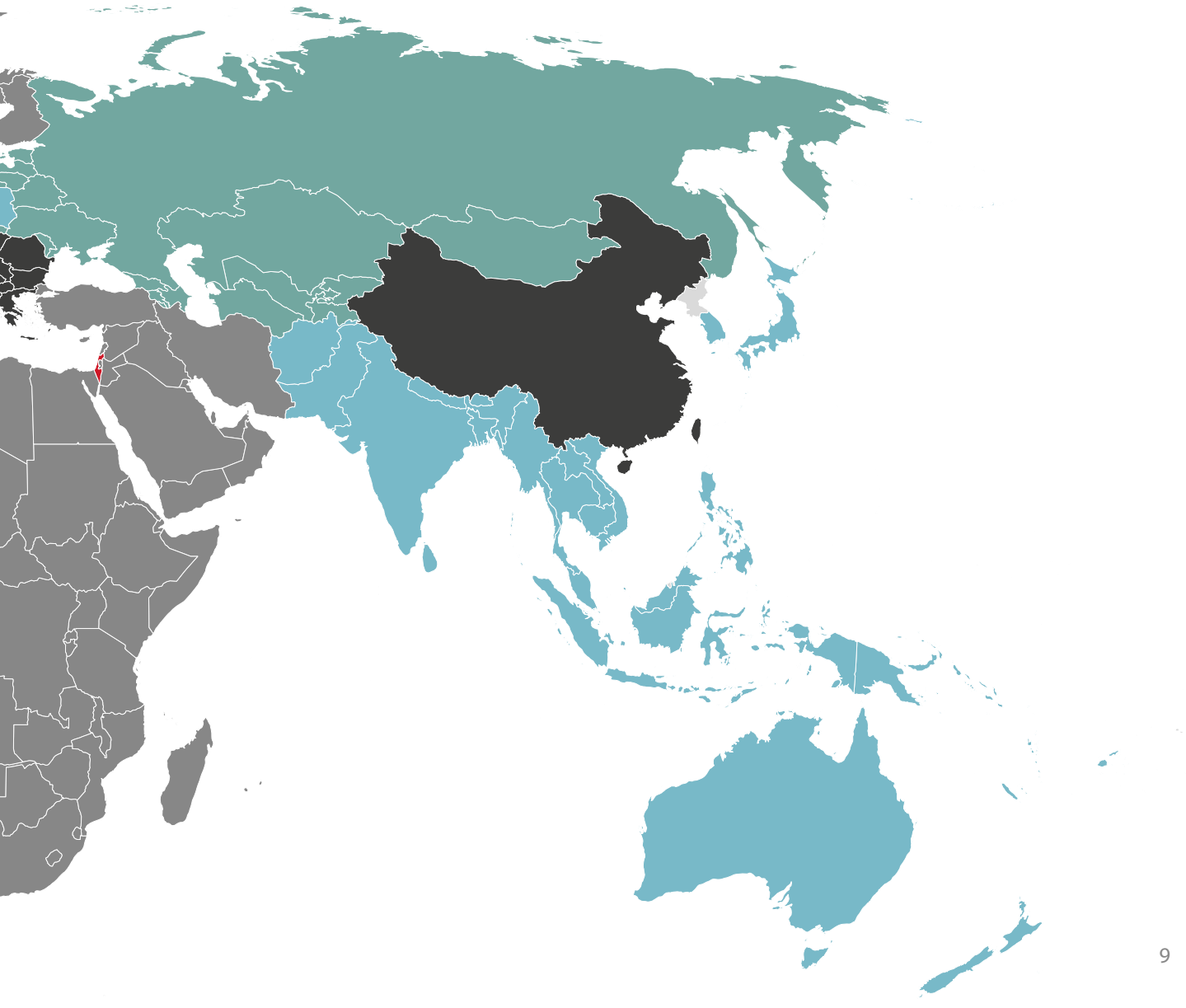
Sales preliminary products (worldwide): finished cloths, grain

Area:



Our expertise for your application

The **VSM Technical Center (TC)** at our headquarters in Hanover provides an opportunity for product training, seminars and extensive application tests. We are eager to share our in-depth knowledge on abrasives and processes with trade partners and customers.

Our multi-lingual seminars and training courses are tailored to the needs of end users and distributors. Both the theory of grinding and the possibility of actually joining in and experiencing hands-on how abrasives perform are part of our training sessions.

Another important aspect of our seminars are grinding parameters and how they impact on the surface quality, the service life and the cutting performance of an abrasive. Measuring techniques and methods of how to calculate the costs involved in grinding processes are also presented by us.

The state-of-the-art VSM Technical Center in Hanover

Testing abrasives takes centre stage during training courses

Attend one of our training courses in Hanover

Our latest courses focus on three target groups

User training

> VSM solutions for grinding
> Grinding parameters, identifying and preventing errors
> Typical applications
> Surface performance indicators
> Practical grinding and sanding training
> Latest research findings from VSM laboratory and practise

Advanced user training

> The latest insights from scientific research
> Advanced surface performance indicators
> Corrosion-resistance of sanded surfaces
> Additional practical grinding and sanding training
> Latest application examples

Distributor training

> VSM solutions for grinding
> Grinding parameters
> Surface measuring techniques
> Practical grinding and sanding training
> Latest application examples

Your advantages

> Exchange with experts
> Enhancing of expertise on grinding processes and how to optimise them
> Benefit from our diversified machine pool

Trainings 2019

User trainings

> 18. – 19. February 2019	(German)
> 25. – 26. March 2019	(Multilingual*)
> 13. – 14. May 2019	(German)
> 01. – 02. July 2019	(German)
> 02. – 03. September 2019	(German)
> 09. – 10. December 2019	(English)
> 16. – 17. December 2019	(Multilingual*)

Advanced user trainings

> 06. – 07. May 2019	(German)
> 18. – 19. November 2019	(Multilingual*)

Distributor trainings

> 11. – 12. March 2019	(German)
> 02. – 03. December 2019	(Multilingual*)

*available languages to be announced on demand
All information subject to change

Are you interested?

You can reach us at:
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training@vsmabrasives.com

The latest training courses are on our website at:
www.vsmabrasives.com/trainings

Scan the adjacent QR-Code using your smartphone or tablet to see all current dates of our training courses on our website.

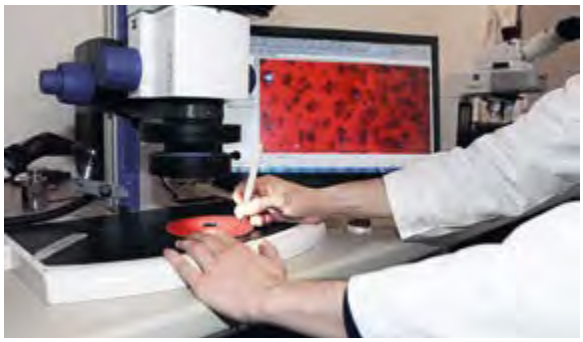
Quality abrasives – Made in Germany

The high degree of vertical integration in our value chain ensures the consistently high quality of all manufactured abrasives. Quality assurance at VSM starts with a check of the raw materials. Test products from suppliers, random sampling in the laboratory and checks in production ensure the high quality of the basic goods.

In addition, VSM develops and produces all key preliminary products such as backing fabrics, artificial resin bonds and the abrasive grain itself.

We are one of only a few abrasive manufacturers worldwide that have their own cloth finishing plant. All our preliminary products which are made in our premises are subject to continuous monitoring and undergo regular inspections, such as sieving analyses, weight checks and viscosity measurements as well as visual inspections carried out by trained and experienced staff.

Skilled staff perform regular checks



These checks ensure the high quality level of VSM abrasives

Scratch patterns produced using VSM abrasives are being carefully checked

We promise quality

Finished goods and converted products are checked for their grinding performance or skiving. A grinding room with modern equipment is available for these inspections and tests. Our machines undergo calibration, at least twice a year. When it comes to tested materials we leave nothing to chance either. We capitalise on the long-term relationships we entertain with our suppliers.

The latest analysis ensures consistent quality for cutting-edge products

Combined expertise

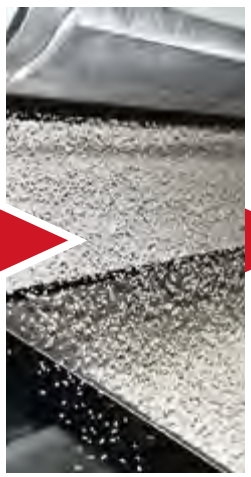
To ensure that this complex quality assurance is always provided, the areas of quality management and quality assurance are combined at VSM. This enables these areas to be coordinated even more closely. The team regularly checks the specifications drawn up and tests new analytical methods. VSM is thus always up to date with the latest state of technology and research. VSM has been certified to ISO standard 9001:2008 for a number of years now, and this forms the basis for its quality assurance.

Producing our own preliminary products in-house is a special feature of VSM's abrasive production

Finishing of backing materials

Resin production

Production of abrasive grain



Coating and spreading

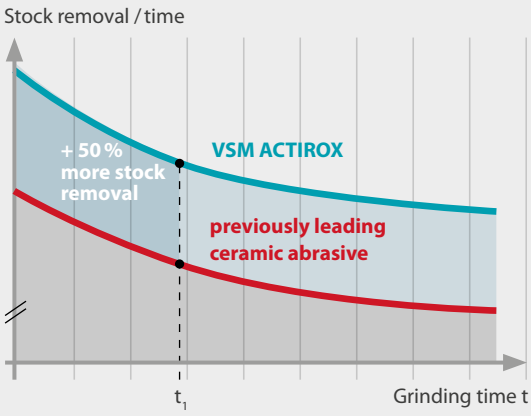
Basic goods

ACTIROX
For maximum stock removal

An abrasive grain in top shape

VSM ceramic grain abrasives have for many years been synonymous with a long service life: One of the reasons is their unique self-sharpening effect.

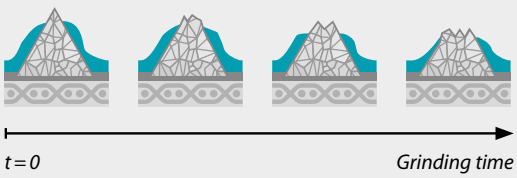
VSM has now come up with the latest generation of abrasives. It is thanks to its geometrically shaped abrasive grain that **VSM ACTIROX** performs an aggressive and fast cut, thus maximizing the stock removal from alloyed steels and stainless steel workpieces.



Thanks to the extremely high stock removal VSM ACTIROX fibre discs can machine more workpieces in the same period of time.

Your advantages at a glance

- **Maximum stock removal** thanks to geometrically shaped ceramic grains leads to a **reduction of operating costs**
- **Increase in productivity:** More workpieces per unit of time due to **fast cutting**
- Premium performance with **superalloys and stainless steels** thanks to optimum coating density
- **Cool grinding processes** and **extended service lives** thanks to the additional grinding-active layer VSM TOP SIZE
- VSM can be relied on to always deliver premium quality **made in Germany**



The geometrically shaped ceramic grain breaks down in a defined fashion constantly producing new sharp edges.

For maximum productivity

The geometrically shaped ceramic grain guarantees maximum stock removal

Increase in productivity thanks to faster grinding

For medium to high contact pressures

Scan the following QR codes with your smartphone or tablet for more product information about our VSM ACTIROX fiber discs.

AF890 **AF799**

For further product information please refer to pages 124 and 125 and online:

www.actirox.com

NEW

TOP SIZE

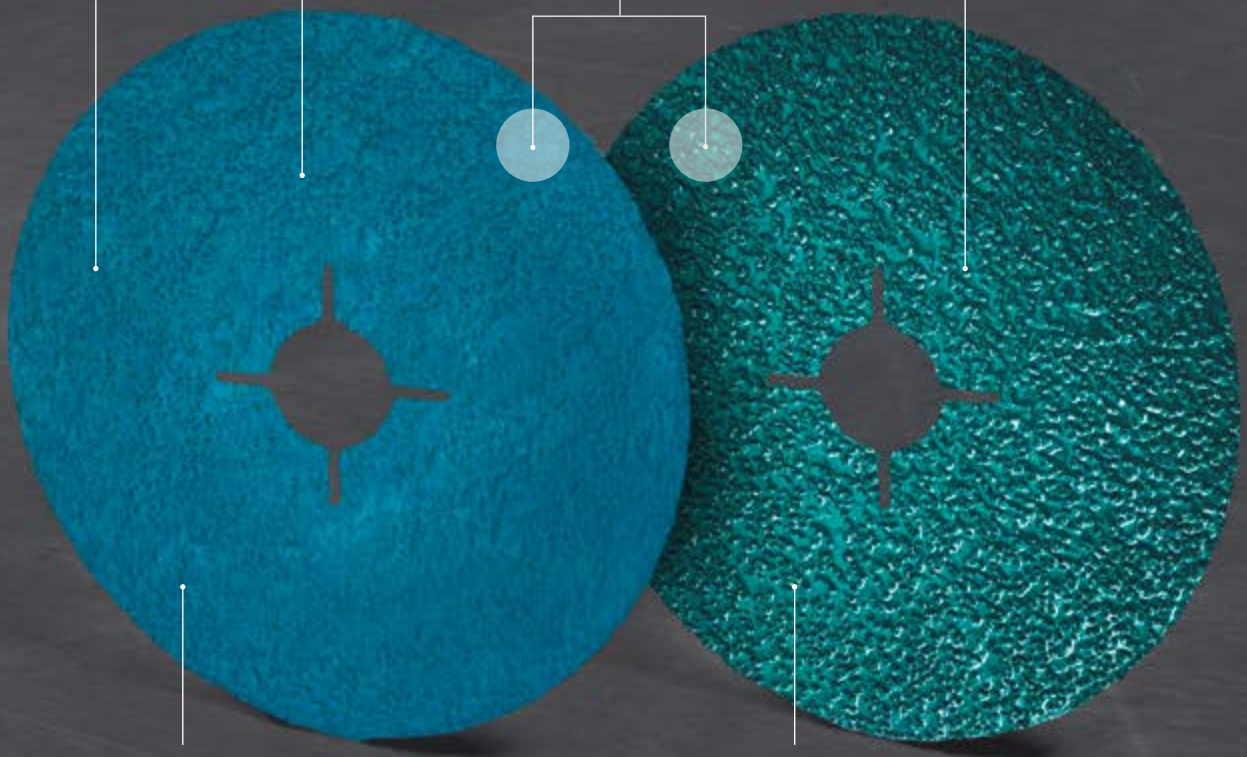
High cutting capacity and low temperatures in the contact area thanks to VSM TOP SIZE

Developed for:

Superalloys · Stainless steel

Developed for:

Unalloyed steel



VSM ACTIROX
AF890 Fibre discs with VSM TOP SIZE

VSM ACTIROX
AF799 Fibre discs

Recommended back-up pads

TURBO PAD 1

***Hard**, with cooling fins (p. 170)*

TURBO PAD 2

***Hard**, with cooling fins, **cambered** (p. 170)*

TURBO PAD 3

***Extra hard**, with cooling fins, **cambered**, for maximum stock removal (p. 170)*

ILUMERON
For fine and consistent surfaces

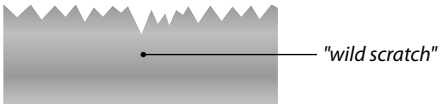
A shiny performance

For many years, VSM's long-term abrasives have been achieving uniform surface finishes and consistent stock removal. **VSM ILUMERON** goes a step further: The latest VSM long-term abrasive stands out thanks to a much longer service life and a very high gloss level.

A product-specific manufacturing process translates into an equal distribution of the grains in the full faced coated abrasive, which break down completely and gradually over a period of time. This results in a considerably more defined surface finish.

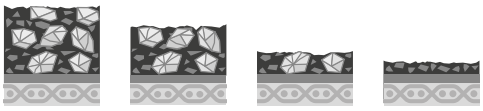
Schematic drawing of a cut surface

Ground with VSM ILUMERON



Ground with conventional agglomerates

Wear pattern of the grain



t = 0 *Grinding time*

Your advantages at one glance

- For a **fine surface finish** with a **very high gloss level**
- **Consistent surface quality** with extremely narrow tolerances
- **Increase in productivity:** Grinding and polishing can be accomplished in one single step
- A specially designed manufacturing process **prevents unwanted chatter marks**
- Fewer tool changes thanks to an **extended service life** reduce grinding costs and improve process stability
- **Less dust accumulation** on the workpiece
- VSM can be relied on to always deliver premium quality **made in Germany**

For further product information please refer to pages 51 and 96 and online:

www.ilumeron.com

Grinding of stainless steel surfaces

Product	Gloss Unit (GU)*
RK700X VSM ILUMERON (AO) Grit size 1200	
Similar competitor product Grit size 1200	

*) The **Gloss Unit (GU)** of is the measuring unit of a gloss metre. 0 GU stands for a perfect matt finish. High-gloss surfaces have a typical GU value of 70.

NEW

For fine surfaces with an extremely high gloss level

Consistent surface quality with extremely narrow tolerances – without "wild" scratches

Grinding and polishing in one single step

A longer service life increases productivity due to fewer tool changes

Improved user protection due to noise reduction

Produces a technically very fine surface quality

Primarily for wet grinding

For low to medium contact pressures

VSM ILUMERON
RK700X abrasive belt

RK700X

Scan the following QR codes with your smartphone or tablet for more product information about our VSM ILUMERON abrasive belt RK700X.

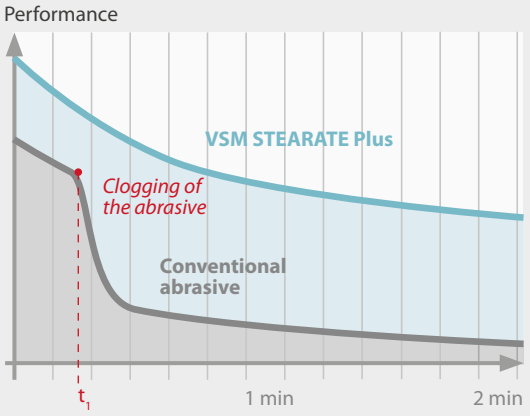
STEARATE+

The very best for NF metals and aluminium

Double the stock removal and the double service life thanks to reduced chip adhesion

The new fibre disc XF733 embraces two technologies. The well-proven **VSM CERAMICS** grinding technology for **high stock removal** and an **extended service life** with semi-open coating and the new additional grinding-active layer **VSM STEARATE Plus** for considerably **reduced chip adhesion** are **perfect together**.

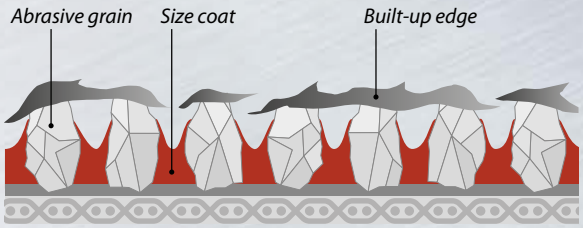
VSM STEARATE Plus ensures very high performance across the entire grinding period compared to conventional abrasives where performance is significantly impaired by a high rate of chip adhesion.



Grinding of aluminium alloyed bars (AlSi12Cu , Ø 30 mm) with fibre discs in grit size 24.

Convincing in every aspect

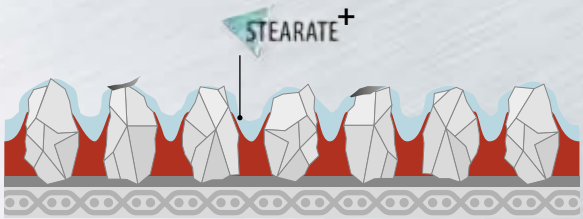
- **Double the stock removal and double the service life**
- **Fewer tool changes**
- **Quicker processing** of workpieces
- **Reduced processing costs**
- VSM can be relied on to always deliver premium quality **made in Germany**



Conventional abrasive: Chips adhere to the tips of the grain. The abrasive clogs.

Good reasons for VSM STEARATE Plus

- The new **VSM STEARATE Plus** has been especially developed for processing **aluminium and NF metals**
- **VSM STEARATE Plus considerably reduces chip adhesion** and **thus clogging of the abrasive** during grinding



The additional VSM STEARATE Plus layer considerable reduces adhesion so that the abrasive can be used for longer.

For further product information please refer to page 130 and online:

www.stearateplus.com

Scan the following QR codes with your smartphone or tablet for more product information about our VSM STEARATE Plus abrasives.

XF733

XK733X

NEW

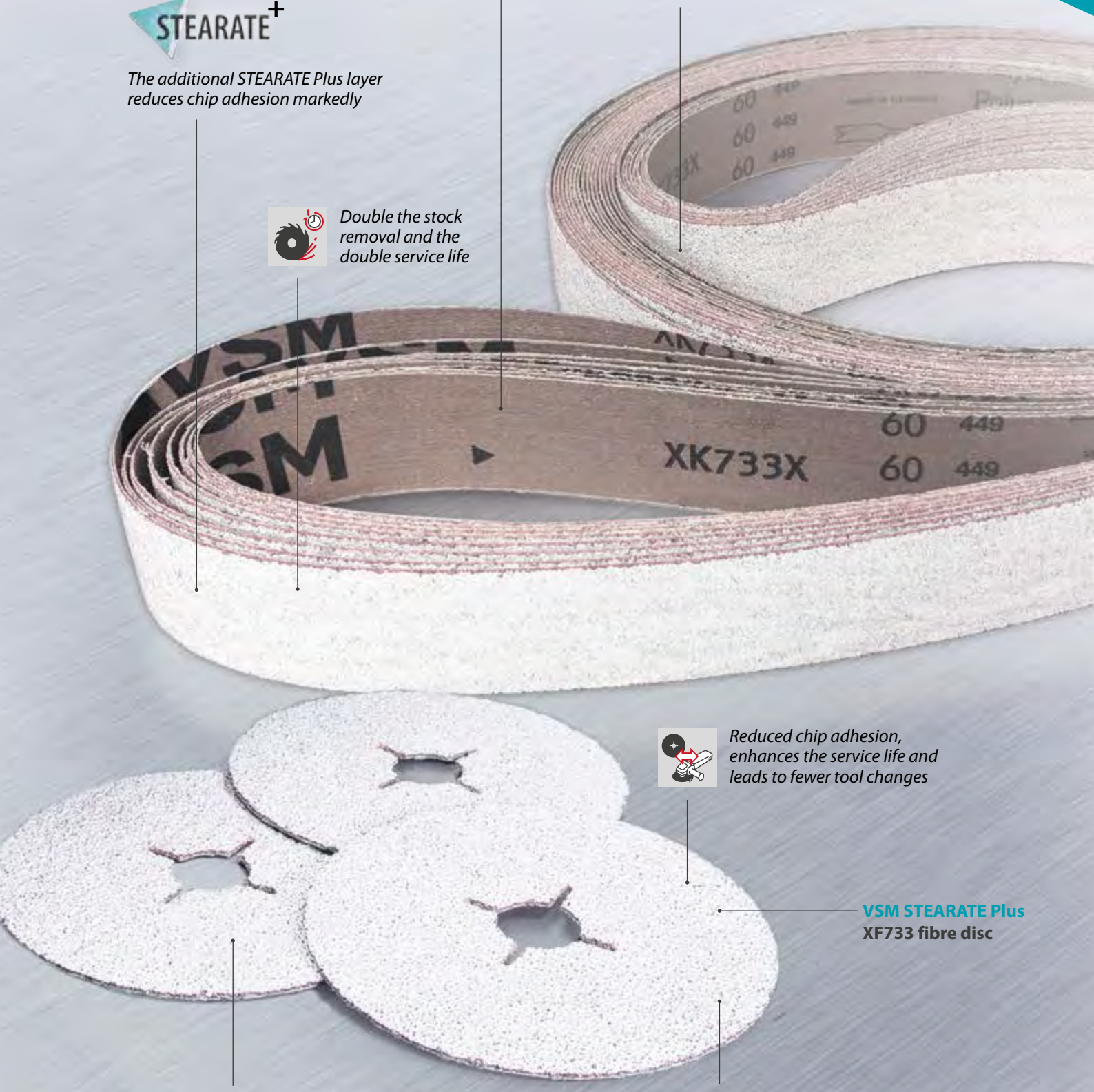
VSM STEARATE Plus
XK733X abrasive belt

VSM CERAMICS Technology inside

STEARATE+

The additional STEARATE Plus layer reduces chip adhesion markedly

Double the stock removal and the double service life

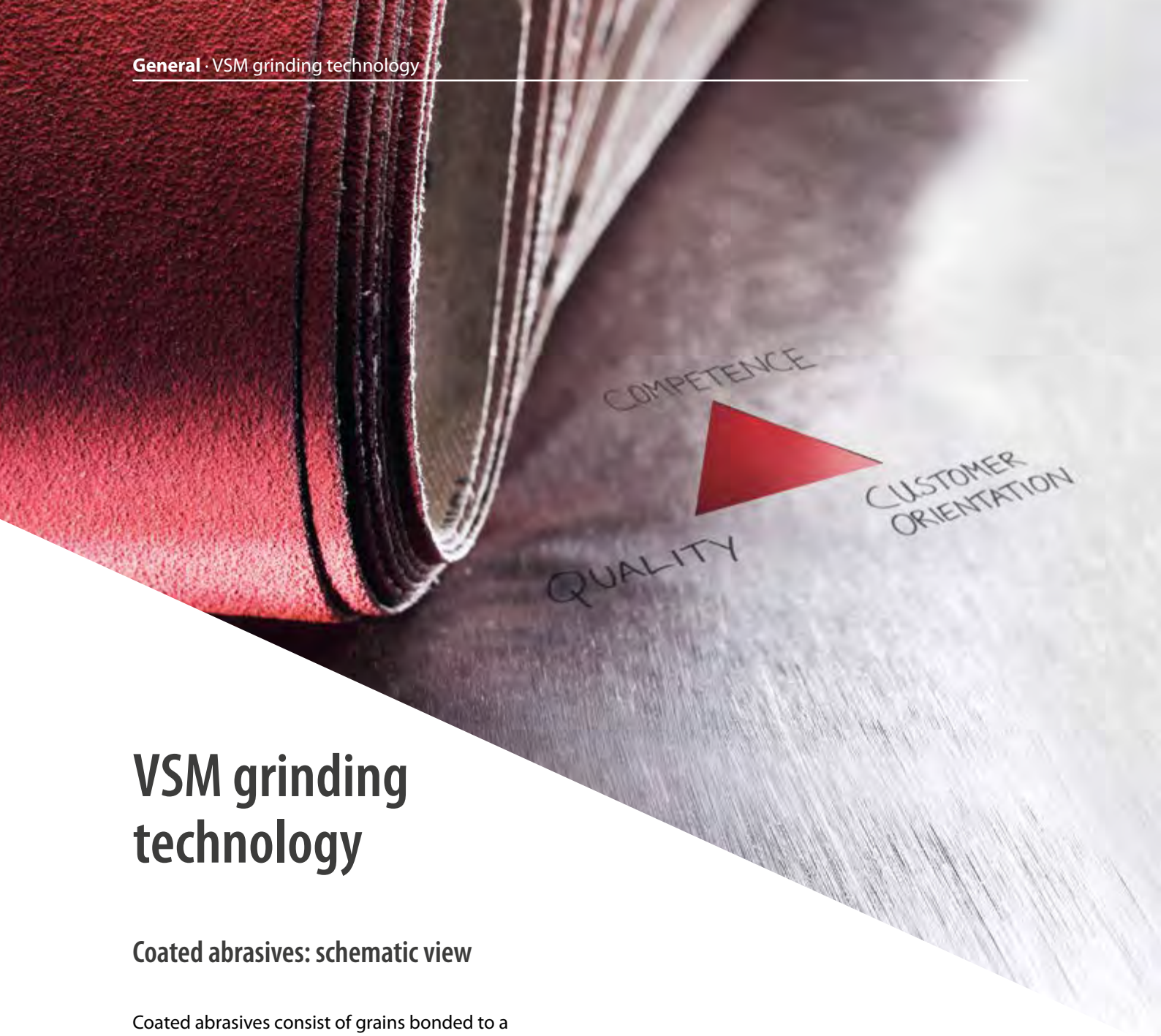


Reduced chip adhesion, enhances the service life and leads to fewer tool changes

VSM STEARATE Plus
XF733 fibre disc

Fewer fibre discs are needed, which leads to cutting the costs for their disposal

Lower tooling costs for each workpiece

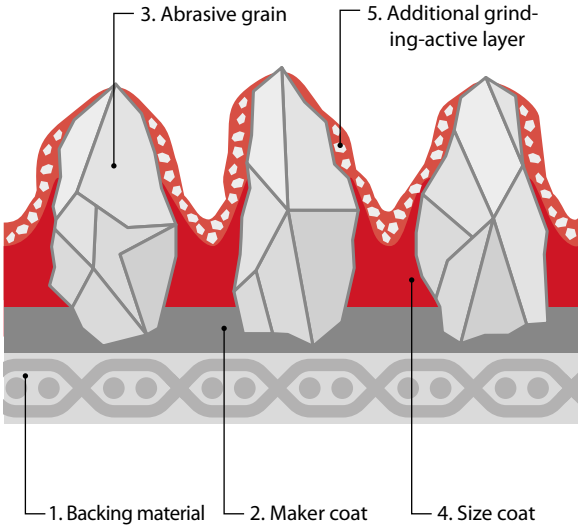


VSM grinding technology

Coated abrasives: schematic view

Coated abrasives consist of grains bonded to a flexible substrate. The substrate can have varying degrees of flexibility ranging from extremely flexible (E weight cotton backings) to extremely sturdy (Z weight polyester backings). These substrates are used as backings for different types of abrasives: rolls, belts, discs and sheet goods. A coated abrasive is made up of four to five different components (illustration on the right):

- 1. Backing material
- 2. Maker coat
- 3. Abrasive grain
- 4. Size coat
- 5. Optional coat: Additional grinding-active layer (TOP SIZE)



1. Backing material

The abrasive grain is bonded to a substrate which retains the grain and transfers the cutting forces to the workpiece. The substrates used by VSM as backing materials are:

Cloth backing

- Aramid, cotton, polyester and polycotton
- High tear resistance
- The flexibility of cloth backings varies between extremely flexible and extremely sturdy subject to the application (illustration top right)
- Standard belt joint E07, E27 **(page 30)**

Vulcanised fibre

- Multi-layer material made from special types of paper
- Extremely sturdy backing material
- Extremely high tear resistance
- Used for making fibre discs

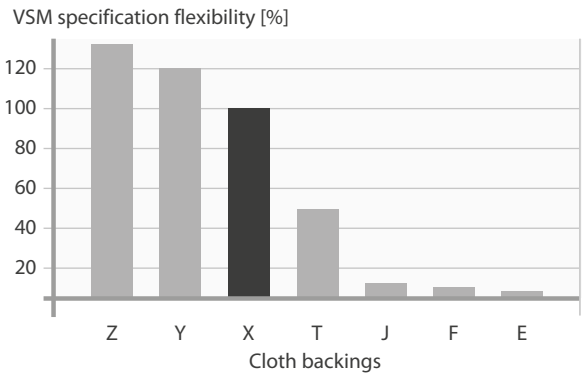
Paper backing

- Optimum stretching behaviour
- Smooth running, special types of belt joints E13, E14 **(page 31)**
- Lower weight in comparism to cloth backings
- The lower the paper weight the more flexible is the backing

Thanks to having **our own cloth finishing plant** in Hanover, we are able to check the quality of the materials we use for each individual production step and ascertain that the same high level is maintained throughout. This guarantees that we use backing material with the best properties for our abrasives, which in turn translates into optimum performance.

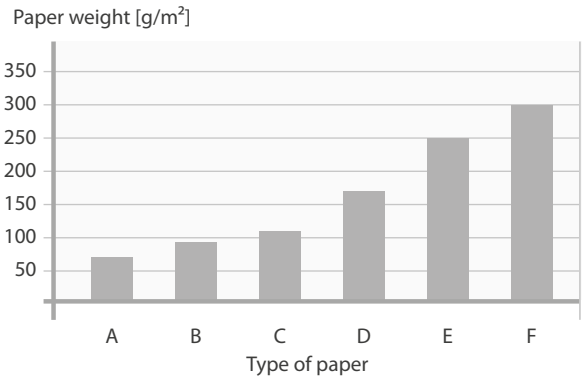
VSM specifications cloth

Backing	Flexibility	Typical applications
E-Cloth	extremely flexible	profiled workpieces
F-Cloth	very flexible	profiled workpieces
J-Cloth	flexible	profiled workpieces
T-Cloth	semi-sturdy	dynafile
X-Cloth	sturdy	flat surfaces, edges, rotational bodies
Y-Cloth	very sturdy	flat surfaces, edges, rotational bodies
Z-Cloth	extremely sturdy	edge and surface grinding (machine)



VSM specifications paper

Backing	Paper weight	Typical applications
A-Paper	approx. 70 g/m²	profile + surface grinding (hand)
B-Paper	approx. 100 g/m²	profile + surface grinding (hand)
C-Paper	approx. 120 g/m²	surface grinding (hand)
D-Paper	approx. 160 g/m²	surface grinding (hand, machine)
E-Paper	approx. 250 g/m²	surface grinding (hand)
F-Paper	approx. 300 g/m²	surface grinding (hand)



2. Maker coat

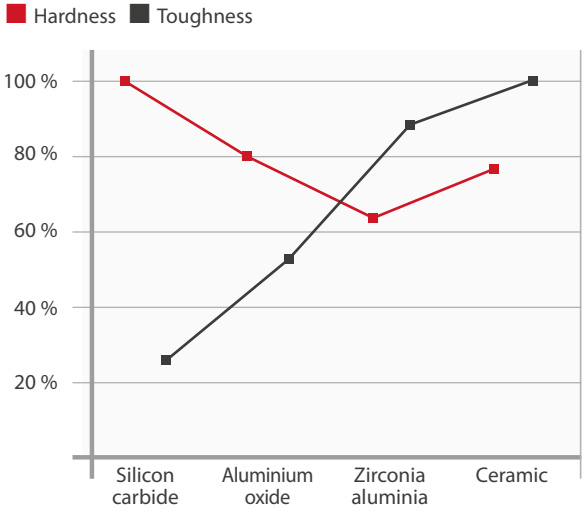
The maker coat holds the abrasive grain in place. In most cases, phenolic resins or urea resins are used as bonding agents. Specific properties such as flexibility or water-resistance are achieved by adding fillers.

3. Abrasive grain

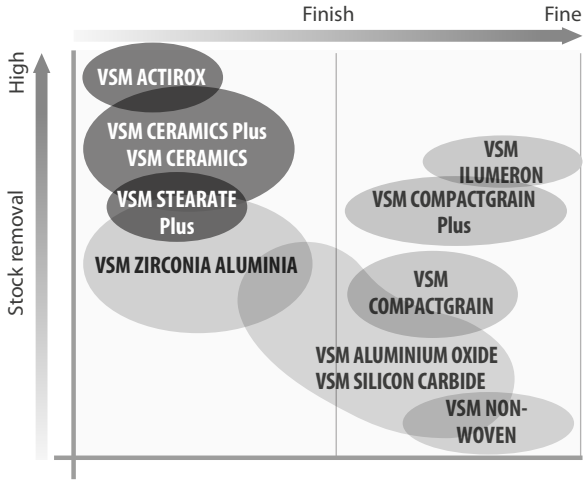
It is the abrasive grain which performs the actual job. It penetrates the workpiece and lifts the chip. High hardness, toughness and sharp edges are the most important characteristics of an abrasive grain. High-performance abrasives are made from the following synthetic materials:

- Silicon carbide
- Aluminium oxide (corundum)
- Zirconia aluminia
- Ceramic grain
- Cubic Boron Nitride (CBN)
- Diamond

Hardness and toughness of different types of grain



The right grain for every application



VSM CERAMICS
Made in Germany

VSM is **one of only a few manufacturers of ceramic grain worldwide and in Germany**. It is thanks to having our own ceramic grain production in Hanover, Germany that we have a decisive influence on the performance of VSM abrasives.

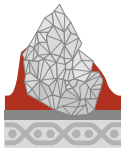
Top grain technologies for high stock removal rates

VSM ACTIROX

NEW

> **Geometrically formed** ceramic grain
> Maximum stock removal and a faster cut for superalloys and stainless steels
> Reduced temperature in the contact area extends lifetime

VSM CERAMICS Plus · (CER Plus)



> **Optimised self-sharpening effect** when processing high-alloyed steels ensures very high stock removal rates
> Reduced temperature in the contact area
> Significantly extended service life

VSM CERAMICS · (CER)

> Top product with **self-sharpening effect** for processing non-alloyed steels and stainless steels
> High removal rate
> Cool grinding allows longer contact times

Top grain technologies for perfect surface finishes

VSM ILUMERON

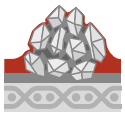
NEW

> **Full faced coated long-term abrasive** with special bonding
> For fine and consistent surfaces with high gloss levels
> Developed primarily for processing stainless steels, superalloys and non-alloyed steels

VSM COMPACTGRAIN Plus · (COM Plus)

> **Long-term abrasive** that wears uniformly down to the backing material and achieves a consistent surface finish
> Optimised reserve grain capacity
> Improved bonding properties
> Continuous self-sharpening thanks to the granulate structure

VSM COMPACTGRAIN · (COM)



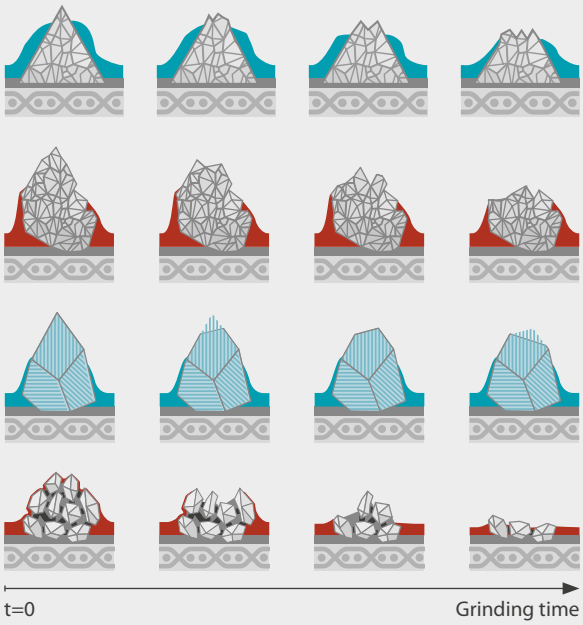
> **Long-term abrasive** achieves reproducible surface finishes and consistent roughness
> Uniform stock removal
> Continuous self-sharpening thanks to the granulate structure

The VSM self-sharpening concept

The microcrystalline structure of the **VSM CERAMICS Plus** and **VSM CERAMICS** grain accounts for a more subtle breaking down of the grain and constantly produces sharper edges. This is what we call the optimized self-sharpening effect.

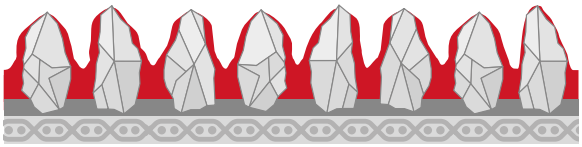
Aluminium oxide and zirconium oxide are finely dispersed throughout the microstructure of the **VSM ZIRCONIA ALUMINIA**. The two materials break down in turn during the grinding process.

VSM COMPACTGRAIN Plus and **VSM COMPACTGRAIN** long-term abrasives stand for a compact unit which consists of numerous abrasive grains. The used grains are torn out by the cutting forces involved whereby unused grain tips are being exposed.



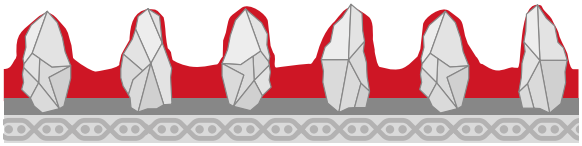
Types of coating

Different types of coating are used in order to benefit as much as possible from the grain properties and the space between the grains for chip removal. VSM uses standard, combination and open types of coating.



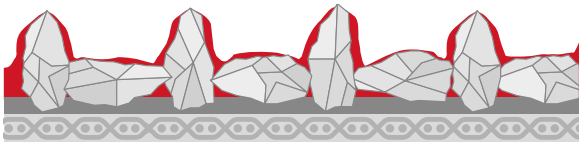
Standard coating

In a **Standard coat** the grain is bonded to the maker coat with the grain in an upright position. The gap between the grains may be narrow (closed coating density) or medium (coating density medium closed).



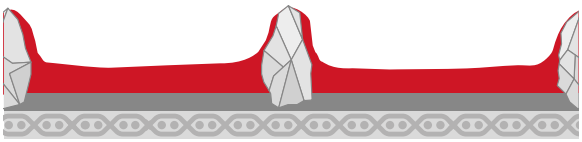
Standard coating

When applying a **Combi coat** supporting grains are placed in the gaps between the grains in order to retain the grain in position. This type of coating works best for applications where a machine limits the contact pressure.



Combi coating

In an **Open coat** the grain is again in an upright position on the backing. However, the spacing between the abrasive grains is much bigger. The pressure spreads onto fewer grains so that the individual grain has to absorb much more of it. This in turn enhances the self-sharpening effect (**page 23**) and improves the chip removal.

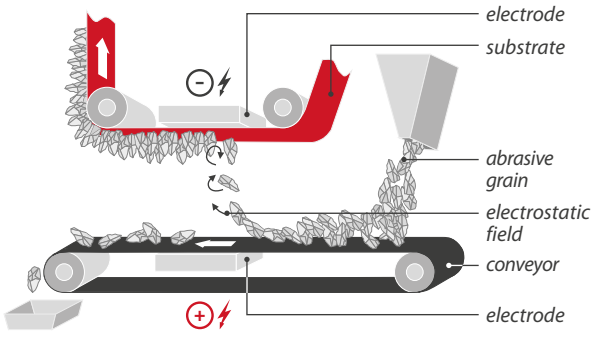


Open coating

Coating techniques

The orientation of the grains is decisive for the surface quality of the workpiece. VSM uses two different coating techniques to properly orientate the grains: **electrostatic coating** and **mechanical coating**.

The electrostatic coating process is a method where the grains are not scattered onto a substrate. They move upwards and accelerate towards the substrate while travelling through an electrostatic field. During this process the grains are oriented to achieve an upright position, in which they are bonded to the substrate. VSM has its own facilities to integrate this process in-house. The result is a product with maximum sharpness.



The principle of electro static coating

4. Size coat

The size coat ensures proper anchoring of the abrasive grain. While the maker coat only adheres the grain to the backing, the size coat unites with the maker coat and ensures the final anchoring of the grain and the proper total adhesive level. VSM adds fillers to its products which have a cooling effect and improve the efficiency of the abrasive.

5. Additional grinding active layer

VSM abrasives may have up to three different additional coats.

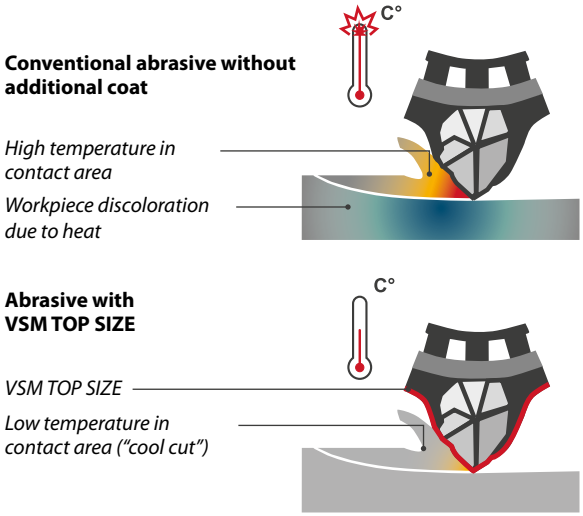
TOP SIZE

The **VSM TOP SIZE** coat is recommended for dry grinding of heat-resistant stainless steels and non-ferrous metals. Thanks to the additional layer with its grinding-inducing additives, the cutting performance is improved whilst the temperature in the contact area is reduced. In addition, the service life of the abrasive is dramatically enhanced.

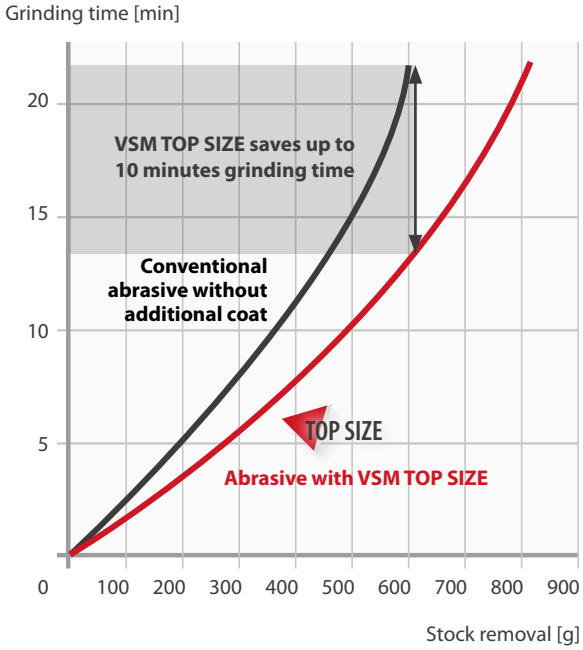
STEARATE+

STEARATE

The anti-adhesive layers **STEARATE+** and **STEARATE** optimise the cutting performance of soft materials such as aluminium and other non-ferrous metals by reducing the adhesion of the material to the abrasive grain. **STEARATE+** is combined with **VSM CERAMICS, STEARATE** with **VSM ALUMINIUM OXIDE**.



Time savings with TOP SIZE · Stainless steel grinding



VSM belts

Possible applications

- Slack of belt grinding, grinding with contact shoe or contact disc
- Dry or wet grinding
- Defined surface finishes using coil and sheet metal grinding
- Removal of sprues and runners
- Deburring
- Smoothing and levelling of welds, spot welding and braze points
- Edge and flat surface grinding
- Removal of surface imperfections

Your advantages

- Customised dimensions
- Different types of belt joints – tailored to the application in question
- High tear resistance and edge rigidity
- Stretch-resistant

Minimum order quantities for belts

for manufactured products (F-Types)

Shapes / Dimensions	Cloth	Paper	Non-woven
Conical sleeves (KON)	500 pcs	–	–
File belts (EFE) Width up to 20 mm Length up to 760 mm	300 pcs	–	50 pcs
Rings (ERI) Width up to 60 mm Length up to 377 mm	300 pcs	–	50 pcs
Short belts (EKU) Length 1,000 mm or less	50 pcs	50 pcs	30 pcs
Narrow belts (ESM) Width up to 300 mm Length 1,001 to 4.500 mm	20 pcs	30 pcs	5 pcs
Master belts (EBM) Width 301 to 499 mm Length 1,600 to 4,500 mm	20 pcs	30 pcs	5 pcs
Long belts (ELA) Width up to 499 mm Length 4,501 mm +	20 pcs	20 pcs	5 pcs
Wide belts (EBR) Width 500 mm +*)	5 pcs	10 pcs	2 pcs

*) Cloth up to 1.450 mm width
Paper up to 1.420 mm width
Non-woven up to 970 mm width

Dimensional tolerances for belts

Belt length	Length tolerance
30 mm to 236 mm	0 mm to - 1 mm
237 mm to 377 mm	0 mm to - 2 mm
378 mm to 720 mm	± 2 mm
721 mm to 1,000 mm	± 3 mm
1,001 mm to 4,000 mm	± 5 mm
4,000 mm and longer	± 10 mm

Belt width	Width tolerance
up to 20 mm	± 0,5 mm
21 mm bis 50 mm	± 1 mm
51 mm bis 1,000 mm	± 2 mm
1,001 mm and wider	± 3 mm

Belt joints

VSM provides Belts with a range of different types of belt joints to suit various machines and applications. Below you will find the most common types listed. If you require more specific information about any of the joints listed below, please do not hesitate to contact us.

Belt joints with tape on the reverse

E07 – Our standard belt joint for abrasive belts with cloth backings

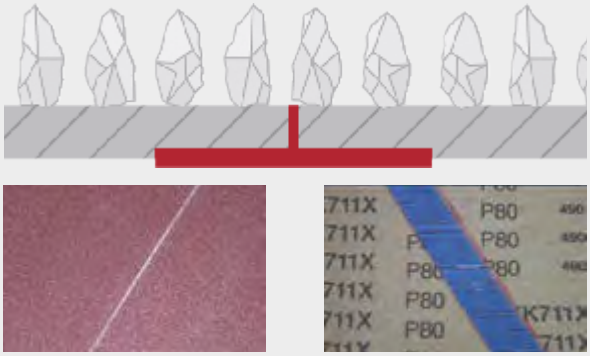
Straight cut

Ends are joined by means of a strip of tape on the reverse side of the belt.

Stable and sturdy standard type of joint suitable for all geometries. The E07 joint is mainly used for cloth belts and lends itself to almost any application.

E07

for cloth backings



E08 – Our thin standard belt joint for abrasive belts with paper and cloth backings

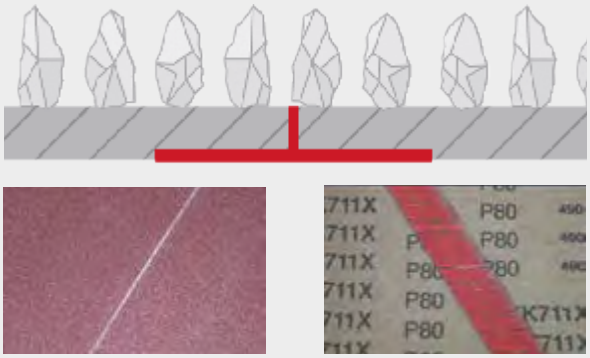
Straight cut

Bonded with thin film from the backing side.

Low-vibration standard belt joint for all belt geometries. E08 is used with flexible cloth backings, paper belts and primarily finer grains.

E08

for paper and cloth backings



Belt joint overlaps

E13 – Our belt joint for abrasive belts with cloth backings

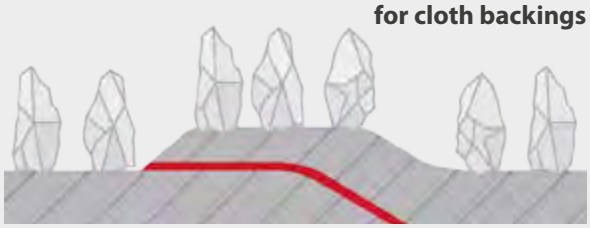
Straight cut

Both ends overlap.

This joint is mainly used for wide and narrow Belts for flat grinding operations.

E13

for cloth backings



E14 – Our belt joint for abrasive belts with cloth backings

Straight cut

Both ends overlap, top-skived.

Suitable for flat grinding applications involving the use of a contact shoe. E14 is primarily used for woodworking.

E14

for cloth backings

E13 – Our belt joint for abrasive belts with paper backings

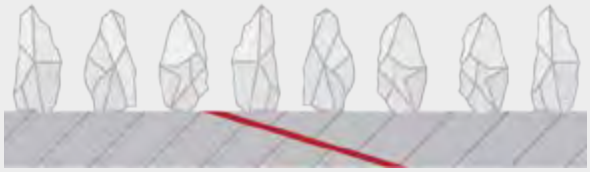
Straight cut

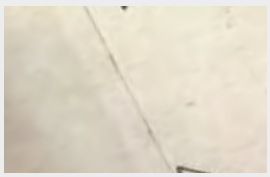
Both ends overlap.

This joint is mainly used for wide and narrow belts on paper backings for flat grinding operations.

E13

for paper backings





Other belt joints are available on request.

The right belt for your machine

Brand	Type	W × L in mm
AEG	HBS1000E	12 × 305
	BBSE1100	100 × 560
Atlas Copco	G2403 Pro Bandschleifer	10 × 330
	G2404 Pro Bandschleifer	20 × 250
ATA	RAL20L	12 × 305
	BL16L	20 × 480
Black & Decker	KA 88	75 × 533
	KA 900 E	13 × 457
	KA 86	75 × 457
Bosch	GVS 350 AE	40 × 303
	PVS 300 AE	40 × 303
	PBS 60	60 × 400
	PBS 60 E	60 × 400
	GBS 75 AE	75 × 533
	PBS 75 A	75 × 533
	PBS 75 AE	75 × 533
	PBS 75 E	75 × 533
	PBS 7 A	75 × 457
	PBS 7 AE	75 × 533
	GBS 100 A	100 × 620
	GBS 100 AE	100 × 620
De Walt	DW650	100 × 560
	DW650E	100 × 560
	DW432	75 × 533
	DW433	75 × 533
Dynabrade	40352	13 × 457
	40353	13 × 457
	40320	13 × 457
	40321	13 × 457
	40324	13 × 457
	40335	13 × 457
	40381	13 × 457
	15300	13 × 457
	15400	13 × 457
	40326	6 × 520 12 × 520 16 × 520
	40330, 40503, 40615	6 × 520 12 × 520 16 × 520
	15360, 15420, 14000	6 × 610 12 × 610
	15401	12 × 520 16 × 560 20 × 520
	15003	3 × 305 6 × 305 9 × 305 12 × 305

Brand	Type	W × L in mm
Fine / Grit	GX 75 / 75 2H	75 × 2000
	GXC	75 × 2000
	GI 75 (2H) / GI 150 (2H)	75 × 2000
	GIS 75	75 × 2000
	GIC, GIM	75 × 2000 150 × 2000
	GI 100	100 × 1000
	GXR	75 × 2250
	GIL, GIS 150	150 × 2000
	BF10-280E	3 × 520 6 × 520 12 × 520 16 × 520 20 × 520
	RS10-70E	12 × 520 16 × 520 20 × 520 30 × 533
Festool	BS 75	75 × 533
	BS 105	100 × 620
Flott	BSM 75 / 75A	75 × 2000
	BSM 150/150A	150 × 2000
	TBSM 75	75 × 1000
Güde	BTS 4000 ECO	100 × 920
	BTS 4000	100 × 920
Hitachi	SB10V2	100 × 610
Makita	9910	75 × 457
	9911	75 × 457
	9902	75 × 533
	9903	75 × 533
	9920	75 × 610
	9404J	100 × 610
	9403	100 × 610
	9031	30 × 533
	9032	9 × 533
Metabo	BF 18 LTX 90	13 × 457
	RB 18 LTX 60	30 × 533
	BFE 9-90	13 × 457
	BAE 75	75 × 533
Milwaukee	BS 100 LE	100 × 620
	HBSE 75 S	75 × 533
PFERD	PBS 3 / 200 DH 99, PWS 3 / 200 DH + BSVH 25,5	3 × 305 6 × 305 9 × 305 12 × 305
	PBSA 5 / 160 HV 925	3 × 520 6 × 520 12 × 520 16 × 520 20 × 520 6 × 610 12 × 610

Brand	Type	W × L in mm
PFERD (Forts.)	PBS 5 / 155 HV	6 × 610 10 × 480 16 × 480 20 × 480 25 × 480 12 × 610
	UBS 5 / 100 SI 925	3 × 520 6 × 520 12 × 520 16 × 520 20 × 520 6 × 610 12 × 610
	UBS 5 / 70 SI-R	30 × 533
	UBS 11 / 90 SI-R	30 × 610
	BSG 10 / 35E	35 × 450
	BSG 10 / 50E	50 × 450
	BSG 3 / 10 / 40	40 × 505
	WT 7 E M14 + BSVH 41, WZ 7 B + BSVH 36, WZ 10 B + BSVH 36	3 × 520 6 × 520 12 × 520 16 × 520 20 × 520 6 × 610 12 × 610
	WZ 4 A + BSVH 24	3 × 305 6 × 305 9 × 305 12 × 305
Proxxon	BS / E	10 × 330
Rexon	BD480A	100 × 920
	BD460M	100 × 920
Rodac	RC 8430	10 × 330
	RC 8440	20 / 520
Ryobi	EBS800V	75 × 533
	EBS1310VFHG	100 × 610
SCANTOOL	SC 75	75 × 2000
	SC 150	150 × 2000
Scheppach	ksm 2500	150 × 2500
	ksm 2000	150 × 2000
	bts 800	100 × 920
SKIL	1215AA	75 × 457
	1210AA	75 × 457
Suhner	UBK 6-R	35+50 × 450
	UTG 9-R	30 × 610
	UTC 7-R	30 × 533
	LBH 7 D 35	35 × 450
	LBH 7 D 50	50 × 450
	UBC 10-R, LBC 16 H, WB 10, WB 7	6 × 520 12 × 520
	LBB 20 DH, WB 4	6 × 305 12 × 305
	FTM	30 × 610
	BSG 10 / 50	50 × 450
	BSG 10 / 35	35 × 450
Triton	TA 1200BS	75 × 533

No responsibility is accepted for the accuracy of this indormation.

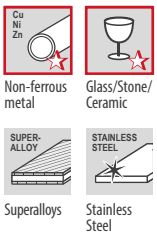
DA930X

VSM DIAMOND

Product profile

Bonding	Galvanic
Colour	Green
Backing	Aramide fiber
Flexibility	Sturdy

Materials



Non-ferrous metal · Glass/Stone/Ceramic · Superalloys · Stainless Steel

Features

Medium pressure · Medium coated

Diamond abrasive, partially coated. Suitable for use with materials such as very hard non-ferrous metals or surface-hardened metals. DA930X is characterised by a very long service life, high stock removal, a consistent surface quality and high temperature resistance.

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
■	■	■	■	■	■	□

Dimensions upon request!

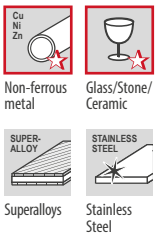
DA920Y

VSM DIAMOND

Product profile

Bonding	Galvanic
Colour	Silver
Backing	Aramide fiber
Flexibility	Very sturdy

Materials



Non-ferrous metal · Glass/Stone/Ceramic · Superalloys · Stainless Steel

Features

Medium to high pressure · Close coated

Diamond abrasive fully coated. Suitable for use with materials such as very hard non-ferrous metals or glass. DA920Y is characterised by a very long service life, a consistent surface quality and high temperature resistance.

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
□	□	■	■	■	■	■

Dimensions upon request!

Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

BA970X

VSM CBN

Product profile	
Bonding	Galvanic (Copper)
Colour	Blue
Backing	Aramide fiber
Flexibility	Sturdy

Materials

Superalloys · Unalloyed steel · Stainless Steel

Features

Medium pressure · Medium coated

Also for wet grinding

CBN abrasives partially coated suitable for machining extremely hard metallic materials. BA970X is characterised by a very long service life, high stock removal, a consistent surface quality and high temperature resistance.

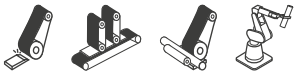
Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm

Dimensions upon request!

XK885Y TOP SIZE

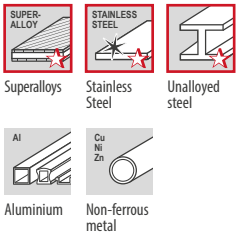
VSM CERAMICS Plus



Product profile

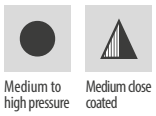
Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials



Superalloys · Stainless Steel · Unalloyed steel · Aluminium · Non-ferrous metal

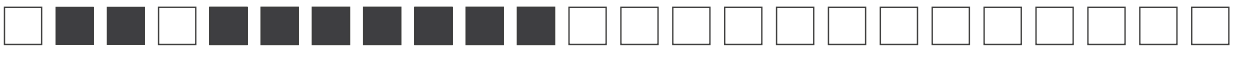
Features



Medium to high pressure · Medium dose coated · Also for wet grinding

Microcrystalline ceramic grain abrasive with a medium-closed coat and optimised self-sharpening effect on a very sturdy polyester cloth backing: achieves maximum stock removal – and therefore cost savings – when grinding high-alloy steels with medium to high contact pressure. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:



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

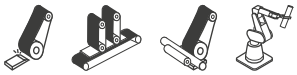
Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
795402	E07	50	3500	20	F	20
795171	E07	50	3500	24	F	20
794404	E07	50	3500	36	F	20
794405	E07	50	3500	40	F	20
795172	E07	50	3500	50	F	20
794406	E07	50	3500	60	F	20
794411	E07	50	3500	80	F	20
795173	E07	50	3500	100	F	20
794412	E07	50	3500	120	F	20
796483	E07	75	2000	20	F	20
796485	E07	75	2000	24	F	20
796599	E07	75	2000	36	F	20
709507	E07	75	2000	40	F	20
702359	E07	75	2000	50	F	20
704818	E07	75	2000	60	F	20
715117	E07	75	2000	80	F	20
756741	E07	75	2000	100	F	20
723165	E07	75	2000	120	F	20
736949	E07	150	3500	20	F	20
702470	E07	150	3500	24	F	20
798639	E07	150	3500	36	F	20
710590	E07	150	3500	40	F	20
703917	E07	150	3500	50	F	20
798738	E07	150	3500	60	F	20
798739	E07	150	3500	80	F	20
711013	E07	150	3500	100	F	20
710622	E07	150	3500	120	F	20

L = Stock items / F = Manufactured products

Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK880Y TOP SIZE

VSM CERAMICS Plus



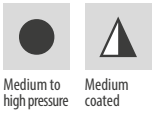
Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Superalloys · Stainless Steel · Unalloyed steel

Features



Medium to high pressure · Medium coated

Also for wet grinding

Microcrystalline ceramic grain abrasive with a medium-closed coating and optimised self-sharpening effect on a very sturdy polyester cloth backing: achieves maximum stock removal – and therefore cost savings – when grinding high-alloy steels with medium to high contact pressure. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
794464	E07	50	3500	20	F	20
795216	E07	50	3500	24	F	20
794466	E07	50	3500	36	F	20
794474	E07	50	3500	40	F	20
795217	E07	50	3500	50	F	20
794487	E07	50	3500	60	F	20
794492	E07	50	3500	80	F	20
795218	E07	50	3500	100	F	20
794493	E07	50	3500	120	F	20
796480	E07	75	2000	20	F	20
796481	E07	75	2000	24	F	20
704819	E07	75	2000	36	F	20
709511	E07	75	2000	40	F	20
779871	E07	75	2000	50	F	20
704825	E07	75	2000	60	F	20
715088	E07	75	2000	80	F	20
761069	E07	75	2000	100	F	20
730313	E07	75	2000	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

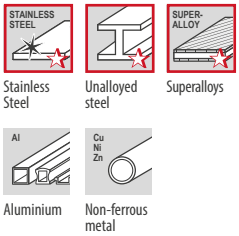
XK888Z TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	Z-Polyester
Flexibility	Extremely sturdy

Materials



Stainless Steel · Unalloyed steel · Superalloys · Aluminium · Non-ferrous metal

Features

Medium to high pressure · Close coated · Also for wet grinding

Ceramic grain abrasive with a closed coat and self-sharpening effect on a extremely sturdy polyester cloth backing: offers impressive results when working on very hard surfaces with aggressive cut and a very long service life. The extremely sturdy backing was developed to meet the demanding requirements of maximum contact pressure – such as when chamfering. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Dimensions upon request!

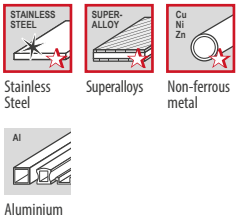
XK877Z TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	Z-Polyester
Flexibility	Extremely sturdy

Materials



Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium to high pressure · Medium coated · Also for wet grinding

Ceramic grain abrasive with self-sharpening effect, impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

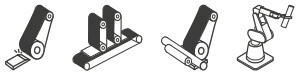
16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 1000 1200

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
784774	E07	50	3500	20	F	20
701432	E07	50	3500	36	F	20
752780	E07	50	3500	40	F	20
750949	E07	50	3500	50	F	20
736957	E07	50	3500	60	F	20
792299	E07	75	2000	20	F	20
733453	E07	75	2000	24	F	20
737941	E07	75	2000	36	F	20
740126	E07	75	2000	40	F	20
782161	E07	75	2000	50	F	20
737944	E07	75	2000	60	F	20
763171	E07	100	2500	20	F	20
721063	E07	100	2500	24	F	20
757386	E07	100	2500	36	F	20
766679	E07	100	2500	40	F	20
757387	E07	100	2500	50	F	20
722542	E07	100	2500	60	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK875X TOP SIZE

VSM CERAMICS



Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester
Flexibility	Sturdy

Materials

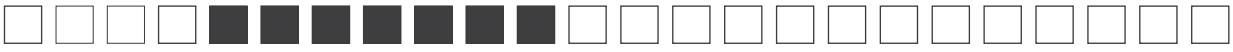
Stainless Steel | Superalloys | Non-ferrous metal | Aluminium

Features

Medium to high pressure | Medium dose coated | Also for wet grinding

Ceramic grain abrasive with self-sharpening effect, impresses when machining extremely hard surfaces at high pressure due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:



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

Dimensions upon request!

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

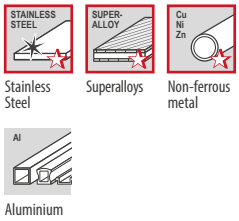
XK870X TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	X-Polyester
Flexibility	Sturdy

Materials



Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated · Also for wet grinding

Universal ceramic grain abrasive with a self-sharpening effect: offers impressive results on stainless steels, superalloys or non-ferrous metals with aggressive cut and a very long service life across a wide range of applications. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
759436	E07	30	533	40	F	50
743332	E07	30	533	60	F	50
739102	E07	30	533	80	F	50
734289	E07	30	533	100	F	50
739103	E07	30	533	120	F	50
751020	E07	35	450	60	F	50
740148	E07	35	450	80	F	50
740149	E07	35	450	120	F	50
739704	E07	50	450	40	F	50
704672	E07	50	450	50	F	50
733161	E07	50	450	60	F	50
749317	E07	50	450	80	F	50
739707	E07	50	450	120	F	50
755518	E07	50	1000	40	F	50
709623	E07	50	1000	60	F	50
735762	E07	50	1000	80	F	50
750727	E07	50	1000	120	F	50
732300	E07	50	2000	24	F	20
751384	E07	50	2000	36	F	20
734801	E07	50	2000	40	L	10
736976	E07	50	2000	50	F	20
735368	E07	50	2000	60	L	10
733639	E07	50	2000	80	L	10
737754	E07	50	2000	100	F	20
744976	E07	50	2000	120	L	10
743175	E07	50	3500	24	F	20
735188	E07	50	3500	36	F	20

continued on next page

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK870X

(continued from page 41)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
732533	E07	50	3500	40	L	10
729311	E07	50	3500	60	L	10
734912	E07	50	3500	80	L	10
733131	E07	50	3500	100	L	10
734084	E07	50	3500	120	F	20
766726	E07	75	533	60	F	50
784437	E07	75	533	80	F	50
766728	E07	75	533	100	F	50
705615	E07	75	533	120	F	50
739140	E07	75	2000	24	L	10
738010	E07	75	2000	36	L	10
732818	E07	75	2000	40	L	10
737755	E07	75	2000	50	F	20
734972	E07	75	2000	60	L	10
734376	E07	75	2000	80	L	10
735394	E07	75	2000	100	F	20
733048	E07	75	2000	120	L	10
737757	E07	75	2500	36	F	20
736863	E07	75	2500	40	F	20
737758	E07	75	2500	50	F	20
734708	E07	75	2500	60	F	20
734707	E07	75	2500	80	F	20
736864	E07	75	2500	120	F	20
736635	E07	75	3500	36	F	20
737759	E07	75	3500	40	F	20
737024	E07	75	3500	50	F	20
732584	E07	75	3500	60	F	20
733376	E07	75	3500	80	F	20
793907	E07	75	3500	100	F	20
737760	E07	75	3500	120	F	20
716705	E07	100	1000	40	F	50
762578	E07	100	1000	60	F	50
756927	E07	100	1000	80	F	50
751480	E07	100	1000	100	F	50
751426	E07	100	1000	120	F	50
732925	E07	100	2000	36	F	20
736501	E07	100	2000	40	F	20
748460	E07	100	2000	60	F	20
755250	E07	100	2000	80	F	20
736508	E07	100	2000	120	F	20
759898	E07	100	3500	24	F	20
784166	E07	100	3500	36	F	20
734833	E07	100	3500	40	F	20
734682	E07	100	3500	50	F	20
736050	E07	100	3500	60	F	20
736051	E07	100	3500	80	F	20

continued on next page

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK870X

(continued from page 42)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
742142	E07	100	3500	100	F	20
734973	E07	100	3500	120	F	20
743174	E07	150	2000	24	L	10
737761	E07	150	2000	36	L	10
735395	E07	150	2000	40	L	10
735114	E07	150	2000	60	L	10
735115	E07	150	2000	80	L	10
737762	E07	150	2000	120	L	10
733173	E07	150	3500	24	F	20
726399	E07	150	3500	36	F	20
731650	E07	150	3500	40	F	20
731142	E07	150	3500	50	F	20
731651	E07	150	3500	60	F	20
731652	E07	150	3500	80	F	20
740013	E07	150	3500	100	F	20
797983	E07	150	3500	120	F	20
737769	E07	300	3500	36	F	20
733197	E07	300	3500	40	F	20
738437	E07	300	3500	50	F	20
733198	E07	300	3500	60	F	20
737770	E07	300	3500	80	F	20
737772	E07	300	3500	100	F	20
743376	E07	300	3500	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK850X TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	X-Polyester
Flexibility	Sturdy

Materials

Aluminum · Stainless Steel · Unalloyed steel

Non-ferrous metal

Features

Medium to high pressure · Medium dose coated

Also for wet grinding

Ceramic grain abrasive with a self-sharpening effect: offers impressive results when working on stainless steels or aluminium with aggressive cut and a very long lifetime – all this despite an optimised price/performance ratio. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
705415	E07	75	2000	36	F	20
795748	E07	75	2000	40	F	20
739650	E07	75	2000	50	F	20
787997	E07	75	2000	60	F	20
720977	E07	75	2000	80	F	20
752947	E07	75	2000	120	F	20
705441	E07	150	2000	36	F	20
731014	E07	150	2000	40	F	20
793284	E07	150	2000	50	F	20
731051	E07	150	2000	60	F	20
731081	E07	150	2000	80	F	20
788449	E07	150	2000	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

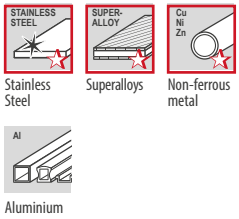
XK870T TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	T-Cotton
Flexibility	Semi-flexible

Materials



Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated

Ceramic grain abrasive with self-sharpening effect, impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Dimensions upon request!

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK870J

TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	J-Polyester
Flexibility	Flexible

Materials

Stainless Steel · Superalloys · Non-ferrous metal

Aluminium

Features

Medium pressure · Medium coated

Also for wet grinding

Ceramic grain abrasive with self-sharpening effect on a flexible cloth backing, impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
737790	E07	50	3500	60	F	20
721367	E07	50	3500	80	F	20
732540	E07	50	3500	100	F	20
735019	E07	50	3500	120	F	20
729708	E07	300	3500	60	F	20
733174	E07	300	3500	80	F	20
733175	E07	300	3500	100	F	20
753245	E07	300	3500	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

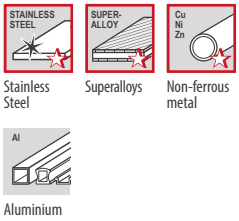
XK870F TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	F-Cotton
Flexibility	Very flexible

Materials



Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated

Ceramic grain abrasive with self-sharpening effect on a very flexible cloth backing: offers impressive results when working on contoured workpieces with very hard surfaces such as non-ferrous metals, stainless steels or superalloys with aggressive cut and a very long service life. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
740770	E07	50	3500	60	F	20
731341	E07	50	3500	80	F	20
731342	E07	50	3500	100	F	20
731343	E07	50	3500	120	F	20
737785	E07	50	3500	150	F	20
724590	E07	50	3500	180	F	20
761334	E07	50	3500	240	F	20
761324	E07	50	3500	320	F	20
757756	E07	100	3500	60	F	20
734835	E07	100	3500	80	F	20
736448	E07	100	3500	100	F	20
706518	E07	100	3500	120	F	20
739465	E07	100	3500	120	F	20
755703	E07	100	3500	150	F	20
736450	E07	100	3500	180	F	20
728057	E07	100	3500	240	F	20
770785	E07	100	3500	240	F	20
763021	E07	100	3500	320	F	20
706063	E07	100	3500	400	F	20
742659	E07	300	3500	60	F	20
734345	E07	300	3500	80	F	20
738435	E07	300	3500	100	F	20
738436	E07	300	3500	120	F	20
740913	E07	300	3500	150	F	20
736608	E07	300	3500	180	F	20
755356	E07	300	3500	240	F	20
761072	E07	300	3500	320	F	20
769551	E07	300	3500	400	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

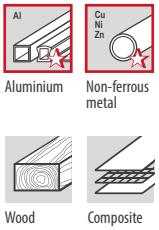
XK733X STEARATE+

VSM STEARATE PLUS

Product profile

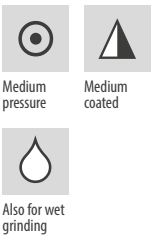
Bonding	Full-resin bonded
Colour	White
Backing	X-Polyester
Flexibility	Sturdy

Materials



Aluminium · Non-ferrous metal · Wood · Composite

Features



Medium pressure · Medium coated · Also for wet grinding

The new STEARATE Plus additional layer significantly reduces the adhesion of the material to the abrasive grain. XK733X is a ceramic grain abrasive with a half-open spread for a self-sharpening effect. It is impressive when it comes to machining extremely hard surfaces with aggressive grinding and extremely long service life.

Grit range:

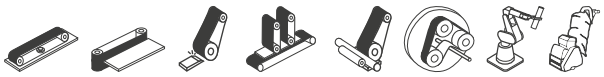
16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 1000 1200

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
711818	E07	50	3500	36	F	20
787640	E07	50	3500	40	F	20
762017	E07	50	3500	60	F	20
714393	E07	50	3500	80	F	20
787737	E07	100	3500	36	F	20
704797	E07	100	3500	40	F	20
732789	E07	100	3500	60	F	20
707570	E07	100	3500	80	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK760X

VSM CERAMICS



Product profile

Bonding	Full-resin bonded
Colour	Red-violet
Backing	X-Polyester
Flexibility	Sturdy

Materials

Unalloyed steel

Stainless Steel

Wood

Features

Medium pressure

Medium coated

Also for wet grinding

Ceramic grain abrasive with a self-sharpening effect: offers impressive results when working on very hard surfaces such as unalloyed steel with aggressive cut and a very long lifetime – despite the product's optimised price/performance ratio.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
732184	E07	50	3500	24	F	20
721483	E07	50	3500	36	F	20
737084	E07	50	3500	40	F	20
734139	E07	50	3500	60	F	20
750452	E07	50	3500	80	F	20
760928	E07	50	3500	100	F	20
790513	E07	50	3500	120	F	20
739035	E07	75	2000	24	F	20
738007	E07	75	2000	36	F	20
735829	E07	75	2000	40	F	20
738006	E07	75	2000	60	F	20
737503	E07	75	2000	80	F	20
738004	E07	75	2000	100	F	20
750003	E07	75	2000	120	F	20
734240	E07	100	3500	24	F	20
734241	E07	100	3500	36	F	20
767060	E07	100	3500	40	F	20
729978	E07	100	3500	50	F	20
757518	E07	100	3500	60	F	20
796339	E07	100	3500	80	F	20
749432	E07	100	3500	100	F	20
769925	E07	100	3500	120	F	20
732463	E07	150	2500	24	F	20
732492	E07	150	2500	36	F	20
721523	E07	150	2500	40	F	20
737543	E07	150	2500	50	F	20
721541	E07	150	2500	60	F	20

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L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK760X

(continued from page 49)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
706301	E07	150	2500	80	F	20
736624	E07	150	2500	100	F	20
735932	E07	150	2500	120	F	20
737724	E07	150	3500	24	F	20
737960	E07	150	3500	36	F	20
732466	E07	150	3500	40	L	10
737742	E07	150	3500	50	F	20
732029	E07	150	3500	60	L	10
732681	E07	150	3500	80	F	20
737752	E07	150	3500	100	F	20
737744	E07	150	3500	120	F	20
736584	E07	300	3500	40	F	20
733204	E07	300	3500	60	F	20
738341	E07	300	3500	80	F	20
738342	E07	300	3500	100	F	20
737746	E07	300	3500	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

RK700X

NEW

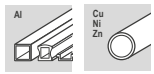
VSM ILUMERON

Product profile

Bonding	Special bonded
Colour	Anthracite
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Unalloyed steel



Aluminium · Non-ferrous metal

Features

Low to medium pressure · Close coated

Also for wet grinding

ILUMERON

The blade coated long-term abrasive on a sturdy polyester backing produces a consistently very fine surface finish. RK700X boasts significantly high gloss levels and extremely narrow tolerances for surface values. The abrasive grain breaks down completely. Since this is a gradual process, the service life of the product is enhanced.

Grit range:

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
708973	E08	60	940	180	F	50
708981	E08	60	940	240	F	50
708992	E08	60	940	320	F	50
709027	E08	60	940	400	F	50
709029	E08	60	940	600	F	50
709031	E08	60	940	800	F	50
709033	E08	60	940	1000	F	50
709035	E08	60	940	1200	F	50
708868	E08	100	3500	180	F	20
708898	E08	100	3500	240	F	20
708919	E08	100	3500	320	F	20
708922	E08	100	3500	400	F	20
708928	E08	100	3500	600	F	20
708940	E08	100	3500	800	F	20
708943	E08	100	3500	1000	F	20
708944	E08	100	3500	1200	F	20
708771	E08	150	2500	180	F	20
708772	E08	150	2500	240	F	20
708773	E08	150	2500	320	F	20
708774	E08	150	2500	400	F	20
708775	E08	150	2500	600	F	20
708776	E08	150	2500	800	F	20
708777	E08	150	2500	1000	F	20
708782	E08	150	2500	1200	F	20
708783	E08	150	3000	180	F	20
708784	E08	150	3000	240	F	20

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L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

RK700X

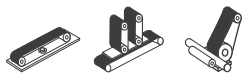
(continued from page 51)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
708790	E08	150	3000	320	F	20
708793	E08	150	3000	400	F	20
708794	E08	150	3000	600	F	20
708799	E08	150	3000	800	F	20
708803	E08	150	3000	1000	F	20
708808	E08	150	3000	1200	F	20
708947	E08	150	3500	180	F	20
708952	E08	150	3500	240	F	20
708965	E08	150	3500	320	F	20
708967	E08	150	3500	400	F	20
708968	E08	150	3500	600	F	20
708969	E08	150	3500	800	F	20
708970	E08	150	3500	1000	F	20
708972	E08	150	3500	1200	F	20
708809	E08	200	3000	180	F	20
787850	E08	200	3000	240	F	20
787852	E08	200	3000	320	F	20
787856	E08	200	3000	400	F	20
708836	E08	200	3000	600	F	20
708837	E08	200	3000	800	F	20
708840	E08	200	3000	1000	F	20
708853	E08	200	3000	1200	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK790Y

VSM COMPACTGRAIN Plus



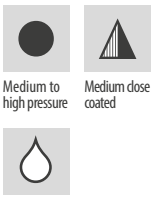
Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features



Medium to high pressure · Medium dose coated · Also for wet grinding

The latest generation of long-term abrasives with continuous self-sharpening effect: reduced grinding costs thanks to fewer tool changes with high rates of stock removal. A constant and uniform pattern of wear plus a medium-closed coating results in a more uniform surface finish, especially for cylindrical grinding applications, as well as a more uniform surface roughness over the product's entire, very long service life.

Grit range:

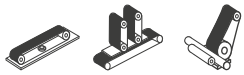
16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200
							P	P		P		P		P		P		P		P			

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
739733	E07	150	2500	60	F	20
725673	E07	150	2500	80	F	20
716679	E07	150	2500	120	F	20
716673	E07	150	2500	180	F	20
747741	E07	150	2500	240	F	20
716709	E07	150	2500	320	F	20
716738	E07	150	2500	400	F	20
725982	E07	150	2500	600	F	20
717013	E07	150	3500	60	F	20
725804	E07	150	3500	80	F	20
751194	E07	150	3500	120	F	20
751195	E07	150	3500	180	F	20
765290	E07	150	3500	240	F	20
770478	E07	150	3500	320	F	20
727684	E07	150	3500	400	F	20
770481	E07	150	3500	600	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK791Y

VSM COMPACTGRAIN Plus



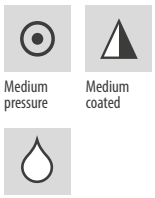
Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features



Medium pressure · Medium coated · Also for wet grinding

The latest generation of long-term abrasives with continuous self-sharpening effect and reduced grinding costs thanks to fewer tool changes. A constant and uniform pattern of wear plus a semi-open coating results in a more uniform surface finish, especially for flat grinding applications and working on softer types of steel, as well as a more uniform surface roughness over the product's entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709180	E07	100	3000	180	F	20
709184	E07	100	3000	240	F	20
709189	E07	100	3000	320	F	20
709191	E07	100	3000	400	F	20
709199	E07	100	3000	600	F	20
709201	E07	100	3000	800	F	20
709855	E07	150	2500	180	F	20
709865	E07	150	2500	240	F	20
709866	E07	150	2500	320	F	20
709874	E07	150	2500	400	F	20
709875	E07	150	2500	600	F	20
709879	E07	150	2500	800	F	20
709880	E07	150	3000	180	F	20
709881	E07	150	3000	240	F	20
709883	E07	150	3000	320	F	20
709886	E07	150	3000	400	F	20
709891	E07	150	3000	600	F	20
709897	E07	150	3000	800	F	20
709901	E07	150	3500	180	F	20
709902	E07	150	3500	240	F	20
709905	E07	150	3500	320	F	20
709907	E07	150	3500	400	F	20
709908	E07	150	3500	600	F	20
709909	E07	150	3500	800	F	20
709219	E07	200	3000	180	F	20
709827	E07	200	3000	240	F	20
709828	E07	200	3000	320	F	20
709829	E07	200	3000	400	F	20
709846	E07	200	3000	600	F	20
709847	E07	200	3000	800	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK786X

VSM COMPACTGRAIN (CER)

Product profile

Bonding	Full-resin bonded
Colour	Red-violet
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Unalloyed steel

Features

Medium to high pressure · Medium dose coated

Also for wet grinding

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
740298	E07	100	2500	60	F	20
784986	E07	100	2500	80	F	20
785002	E07	100	2500	120	F	20
718827	E07	150	2500	60	F	20
718829	E07	150	2500	80	F	20
790419	E07	150	2500	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK718X

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Unalloyed steel

Features

Medium to high pressure · Medium dose coated · Also for wet grinding

Compactgrain, long-term abrasive on a sturdy polyester backing. KK718X is especially suitable for cylindrical grinding applications. Offers characteristically uniform, very high stock removal with consistent surface roughness over its entire service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
703573	E07	100	3500	120	L	5
703574	E07	100	3500	180	L	5
703575	E07	100	3500	240	L	5
703576	E07	100	3500	320	L	5
717314	E07	100	3500	400	F	20
703578	E07	100	3500	600	L	5
703603	E07	150	2500	60	F	20
703604	E07	150	2500	80	L	5
703605	E07	150	2500	120	L	5
703606	E07	150	2500	180	L	5
703607	E07	150	2500	240	L	5
703608	E07	150	2500	320	L	5
703609	E07	150	2500	400	L	5
703610	E07	150	2500	600	L	5
703622	E07	150	3000	80	F	20
729155	E07	150	3000	120	F	20
703624	E07	150	3000	180	F	20
703625	E07	150	3000	240	F	20
703626	E07	150	3000	320	L	5
703627	E07	150	3000	400	F	20
703628	E07	150	3000	600	F	20
703630	E07	150	3500	60	L	5
703631	E07	150	3500	80	L	5
703632	E07	150	3500	120	L	5
703633	E07	150	3500	180	L	5
703634	E07	150	3500	240	L	5
703635	E07	150	3500	320	L	5
703636	E07	150	3500	400	L	5
703637	E07	150	3500	600	L	5
703664	E07	300	2500	80	F	20
752087	E07	300	2500	120	F	20
752088	E07	300	2500	180	F	20
752089	E07	300	2500	240	F	20
752090	E07	300	2500	320	F	20
752091	E07	300	2500	400	F	20
752092	E07	300	2500	600	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK834X TOP SIZE

VSM COMPACTGRAIN (AO)

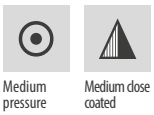
Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel | Superalloys

Features



Medium pressure | Medium dose coated | Also for wet grinding

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
751717	E07	75	2000	80	F	20
701295	E07	75	2000	120	F	20
701296	E07	75	2000	180	F	20
701297	E07	75	2000	240	F	20
739926	E07	150	2000	80	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK712X

VSM COMPACTGRAIN (AO)

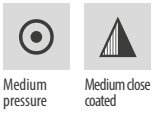
Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Unalloyed steel · Superalloys

Features



Medium pressure · Medium close coated · Also for wet grinding

Compactgrain, long-term abrasive with continuous self-sharpening effect reduces grinding costs due to fewer tool changes. KK712X is especially suitable for flat grinding applications. Offers characteristically consistent, very high stock removal with uniform surface roughness over its entire, very long service life.

Grit range:

16 · 20 · 24 · 30 · 36 · 40 · 50 · 60 · P80 · 100 · P120 · 150 · P180 · 220 · P240 · 280 · P320 · 360 · P400 · 500 · P600 · 800 · 1000 · 1200

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
736834	E07	100	2500	80	F	20
703274	E07	100	2500	120	F	20
703275	E07	100	2500	180	F	20
745988	E07	100	2500	240	F	20
736833	E07	100	2500	320	F	20
703276	E07	100	2500	400	F	20
736832	E07	100	2500	600	F	20
703277	E07	100	3500	80	F	20
751937	E07	100	3500	120	F	20
751938	E07	100	3500	180	F	20
799191	E07	100	3500	240	F	20
765377	E07	100	3500	320	F	20
799192	E07	100	3500	400	F	20
762238	E07	100	3500	600	F	20
729307	E07	150	2500	80	F	20
703285	E07	150	2500	120	F	20
703286	E07	150	2500	180	F	20
703287	E07	150	2500	240	F	20
703288	E07	150	2500	320	F	20
703289	E07	150	2500	400	F	20
703290	E07	150	2500	600	F	20
738460	E07	150	3500	80	L	5
731493	E07	150	3500	120	L	5
740556	E07	150	3500	180	F	20
703296	E07	150	3500	240	L	5
703297	E07	150	3500	320	L	5
703298	E07	150	3500	400	L	5
703299	E07	150	3500	600	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK712J

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	J-Cotton
Flexibility	Flexible

Materials

Stainless Steel · Unalloyed steel · Superalloys

Features

Medium pressure · Medium dose coated

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Dimensions upon request!

KK731X

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	X-Cotton
Flexibility	Sturdy

Materials

Unalloyed steel · Stainless Steel

Features

Low to medium pressure · Medium coated

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Dimensions upon request!

P = Categorised according to the FEPA standard. Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK772X

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel

Unalloyed steel

Features

Medium pressure

Medium coated

Also for wet grinding

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Dimensions upon request!

P = Categorised according to the FEPA standard. Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK772J

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	J-Polyester
Flexibility	Flexible

Materials

Stainless Steel

Unalloyed steel

Features

Low to medium pressure

Medium coated

Also for wet grinding

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
711274	E07	75	2000	80	F	20
771601	E07	75	2000	120	F	20
768345	E07	75	2000	180	F	20
768346	E07	75	2000	240	F	20
768351	E07	75	2000	320	F	20
768355	E07	75	2000	400	F	20
768356	E07	75	2000	600	F	20
768357	E07	75	2000	800	F	20
773706	E07	75	2000	1000	F	20
773707	E07	75	2000	1200	F	20
769677	E07	100	3500	80	F	20
764673	E07	100	3500	120	F	20
764674	E07	100	3500	180	F	20
770604	E07	100	3500	240	F	20
748672	E07	100	3500	320	F	20
771864	E07	100	3500	400	F	20
779510	E07	100	3500	600	F	20
779511	E07	100	3500	800	F	20
784341	E07	100	3500	1000	F	20
772517	E07	100	3500	1200	F	20
769016	E07	150	2500	80	F	20
769382	E07	150	2500	120	F	20
769807	E07	150	2500	180	F	20
770101	E07	150	2500	240	F	20
770258	E07	150	2500	320	F	20
770479	E07	150	2500	400	F	20
747724	E07	150	2500	600	F	20
747725	E07	150	2500	800	F	20
773295	E07	150	2500	1000	F	20
773296	E07	150	2500	1200	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK712F

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	F-Cotton
Flexibility	Very flexible

Materials

Stainless Steel · Unalloyed steel · Superalloys

Features

Low to medium pressure · Medium dose coated

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
727168	E07	50	3500	120	F	20
730026	E07	50	3500	180	F	20
730024	E07	50	3500	240	F	20
728042	E07	50	3500	320	F	20
728046	E07	50	3500	400	F	20
744507	E07	50	3500	600	F	20
719822	E07	50	3500	800	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK748X

VSM COMPACTGRAIN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Unalloyed steel

Features

Medium pressure · Medium close coated · Also for wet grinding

Long-term compactgrain abrasive on a siclicon carbide basis with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
762220	E07	100	2000	80	F	20
751099	E07	100	2000	120	F	20
778596	E07	100	2000	180	F	20
701337	E07	100	2000	240	F	20
765682	E07	100	2000	320	F	20
765697	E07	100	2000	400	F	20
701371	E07	150	3500	80	F	20
724399	E07	150	3500	120	F	20
701373	E07	150	3500	180	F	20
701374	E07	150	3500	240	F	20
701375	E07	150	3500	320	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK918X

VSM COMPACTGRAIN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Unalloyed steel

Features

Medium pressure · Medium dose coated · Also for wet grinding

Compactgrain, long-term abrasive for a very high workpiece surface quality and uniform surface roughness with high gloss levels. CK918X features a continuous self-sharpening effect over its entire, very long lifetime and reduces grinding costs due to fewer tool changes.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
753616	E07	100	3500	240	F	20
731488	E07	100	3500	320	F	20
701419	E07	100	3500	400	F	20
701420	E07	100	3500	600	F	20
788050	E07	100	3500	800	F	20
726888	E07	100	3500	1000	F	20
799702	E07	100	3500	1200	F	20
723466	E07	150	2500	240	F	20
723467	E07	150	2500	320	F	20
701425	E07	150	2500	400	L	5
701426	E07	150	2500	600	L	5
701427	E07	150	2500	800	L	10
751166	E07	150	2500	1000	F	20
751167	E07	150	2500	1200	F	20
720468	E07	150	3500	240	F	20
720467	E07	150	3500	320	F	20
701433	E07	150	3500	400	F	20
701434	E07	150	3500	600	F	20
701435	E07	150	3500	800	L	5
701436	E07	150	3500	1200	F	20
751168	E07	150	3500	1000	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK742J

VSM COMPACTGRAIN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	J-Cotton
Flexibility	Flexible

Materials

Superalloys | Stainless Steel

Features

Medium pressure | Open coated

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
742157	E07	60	2200	80	F	20
736473	E07	60	2200	180	F	20
736474	E07	60	2200	320	F	20
736839	E07	60	2200	120	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK772T

VSM COMPACTGRAIN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	T-Polyester
Flexibility	Semi-flexible

Materials

Superalloys · Stainless Steel · Unalloyed steel

Non-ferrous metal

Features

Low to medium pressure · Medium coated

Also for wet grinding

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
712207	E07	50	3500	180	F	20
706417	E07	50	3500	240	F	20
706418	E07	50	3500	320	F	20
733785	E07	50	3500	400	F	20
793380	E07	50	3500	800	F	20
758340	E07	50	3500	1000	F	20
758345	E07	50	3500	1200	F	20
785815	E07	150	3500	120	F	20
785813	E07	150	3500	180	F	20
785817	E07	150	3500	320	F	20
785818	E07	150	3500	400	F	20
785822	E07	150	3500	600	F	20
739823	E07	150	3500	800	F	20
742976	E07	150	3500	1000	F	20
727699	E07	150	3500	1200	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK815Y TOP SIZE

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Stainless Steel | Unalloyed steel

Features

Medium to high pressure | Close coated

Zirconica aluminia abrasive with self-sharpening effect for working hard workpiece surfaces. It stands out due to its aggressive cutting behaviour and very high stock removal. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

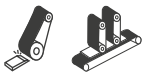
16 20 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 1000 1200

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
703932	E07	75	2000	36	F	20
703933	E07	75	2000	40	F	20
703935	E07	75	2000	60	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK716

VSM ZIRCONIA ALUMINIA



Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Unalloyed steel · Stainless Steel · Aluminium

Wood

Features

Medium to high pressure · Close coated

Also for wet grinding

Zirconica aluminia abrasive with self-sharpening effect for working hard workpiece surfaces which stands out due to its aggressive cut and a very high stock removal rate.

Grit range:

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

Dimensions upon request!

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK715X

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester
Flexibility	Sturdy

Materials

Unalloyed steel · Stainless Steel · Aluminium

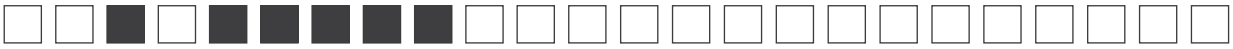
Features

Medium to high pressure · Close coated

Also for wet grinding

Zirconica aluminia abrasive with self-sharpening effect for working hard workpiece surfaces which stands out due to its aggressive cut and a very high stock removal rate.

Grit range:



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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709782	E13	75	2000	36	F	20
709783	E13	75	2000	40	F	20
709785	E13	75	2000	60	F	20
709786	E13	75	2000	80	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK745X

VSM ZIRCONIA ALUMINIA

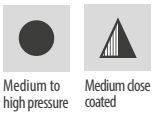
Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester
Flexibility	Sturdy

Materials

Unalloyed steel | Stainless Steel

Features



Medium to high pressure | Medium dose coated

Also for wet grinding

Zirconia aluminia abrasive with self-sharpening effect for machining of tough workpiece surfaces impresses with its aggressive cut and very high stock removal.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
704565	E07	50	3500	36	F	20
704566	E07	50	3500	40	F	20
704568	E07	50	3500	80	F	20
779356	E07	50	3500	60	F	20
704586	E07	75	2000	36	F	20
704587	E07	75	2000	40	F	20
704588	E07	75	2000	60	F	20
704589	E07	75	2000	80	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK744X TOP SIZE

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys

Features

Medium pressure · Medium coated

Also for wet grinding

Zirconia aluminia abrasive with self-sharpening effect for machining of tough workpiece surfaces impresses with its aggressive cut and very high stock removal. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
745517	E07	50	3500	36	F	20
749747	E07	50	3500	40	F	20
749727	E07	50	3500	60	F	20
742941	E07	50	3500	80	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK713X

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester (24-120, 150) X-Cotton (180 320)
Flexibility	Sturdy

Materials

Unalloyed steel · Stainless Steel · Non-ferrous metal · Wood

Features

Low to medium pressure · Open coated

This open coat zirconia aluminia abrasive with self-sharpening effect is designed for working on tough workpiece surfaces, and offers aggressive cut and very high stock removal. ZK713X is especially suitable for sheet metal deburring, for example.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
732610	E07	30	533	40	F	50
734005	E07	30	533	60	F	50
704316	E07	30	533	80	F	50
742981	E07	30	533	100	F	50
732611	E07	30	533	120	F	50
779252	E07	50	1000	40	F	50
764017	E07	50	1000	60	F	50
768534	E07	50	1000	80	F	50
705228	E07	50	1000	100	F	50
795992	E07	50	1000	120	F	50
712808	E13	50	2000	40	L	10
712809	E13	50	2000	50	F	20
712810	E13	50	2000	60	L	10
712811	E13	50	2000	80	L	10
712812	E13	50	2000	100	F	20
712813	E13	50	2000	120	F	20
752473	E07	50	3500	24	F	20
704368	E07	50	3500	36	L	10
704369	E07	50	3500	40	L	10
704370	E07	50	3500	50	F	20
704371	E07	50	3500	60	L	10
704372	E07	50	3500	80	F	20
712857	E13	75	2000	24	F	20
712858	E13	75	2000	36	L	10
712859	E13	75	2000	40	L	10
712860	E13	75	2000	50	F	20
712861	E13	75	2000	60	L	10

continued on next page

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK713X

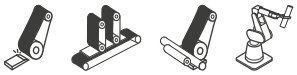
(continued from page 72)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
712862	E13	75	2000	80	L	10
712863	E13	75	2000	100	L	10
712864	E13	75	2000	120	L	10
762580	E13	75	2000	180	F	20
762523	E13	75	2000	240	F	20
712938	E13	100	2000	36	L	10
712939	E13	100	2000	40	L	10
712940	E13	100	2000	60	F	20
712985	E13	150	2000	36	L	10
712986	E13	150	2000	40	L	10
712987	E13	150	2000	50	F	20
712988	E13	150	2000	60	L	10
712989	E13	150	2000	80	L	10
712990	E13	150	2000	100	L	10
712991	E13	150	2000	120	L	10
795752	E13	150	2000	180	F	20
755372	E13	150	2000	240	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK812X

VSM ALUMINIUM OXIDE



Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester (36-80) X-Cotton (100-180)
Flexibility	Sturdy

Materials

Stainless Steel | Unalloyed steel

Features

Medium pressure | Close coated

High-performance aluminium oxide abrasive for universal use. KK812X is characterised by a long service life and cool grinding. Also suitable for grinding with water or emulsions up to grit size P80.

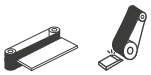
Grit range:

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
791647	E07	30	533	40	F	50
782679	E07	30	533	60	F	50
703713	E07	30	533	80	F	50
767280	E07	30	533	100	F	50
703714	E07	30	533	120	F	50
710038	E13	50	450	40	F	50
784977	E13	50	450	50	F	50
710039	E13	50	450	60	L	10
710040	E13	50	450	80	F	50
710041	E13	50	450	100	L	10
710042	E13	50	450	120	L	10
710043	E13	50	450	150	F	50
710044	E13	50	450	180	F	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK732X STEARATE

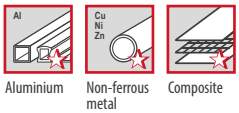
VSM STEARATE



Product profile

Bonding	Full-resin bonded
Colour	White
Backing	X-Polyester
Flexibility	Sturdy

Materials



Aluminium · Non-ferrous metal · Composite

Wood

Features

Medium pressure · Close coated

Also for wet grinding

High-performance aluminium oxide abrasive on a sturdy polyester backing for universal use. KK732X is characterised by a long service life and low risk of clogging.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
769379	E07	75	2000	36	F	20
743701	E07	75	2000	40	F	20
778184	E07	75	2000	50	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

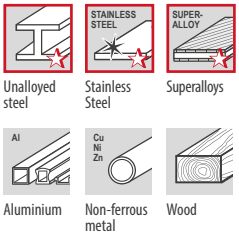
KK711Y

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester (P36-P180) Y-Cotton (P220-P500)
Flexibility	Very sturdy

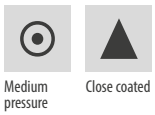
Materials



Unalloyed steel · Stainless Steel · Superalloys

Aluminium · Non-ferrous metal · Wood

Features



Medium pressure · Close coated

Also for wet grinding

Universal, high-performance aluminium oxide abrasive with a closed coat on a very sturdy polyester or cotton cloth backing. Applications include wet grinding, preparing workpieces for polishing work or deburring after laser cutting or water jet cutting. Characterised by its long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
732059	E07	150	2500	60	F	20
703076	E07	150	2500	80	F	20
703077	E07	150	2500	100	F	20
703078	E07	150	2500	120	F	20
751850	E07	150	2500	150	F	20
703079	E07	150	2500	180	F	20
703081	E07	150	2500	240	F	20
703082	E07	150	2500	320	F	20
703083	E07	150	2500	400	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

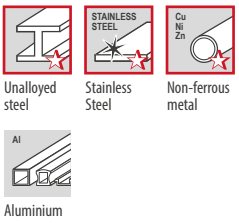
KK711X

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester (20-80) X-Cotton (100-400)
Flexibility	Sturdy

Materials



Unalloyed steel · Stainless Steel · Non-ferrous metal · Aluminium

Features

Medium pressure · Close coated · Also for wet grinding

Universal, high-performance aluminium oxide abrasive with a closed coat on sturdy polyester or cotton cloth backing – applications include preparing workpieces for polishing work or deburring after laser cutting or water jet cutting. Characterised by its long lifetime.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
736626	E07	25	480	40	F	50
786995	E07	25	480	60	F	50
702624	E07	25	480	80	F	50
712633	E07	25	480	120	F	50
734533	E07	28	533	40	F	50
752418	E07	28	533	60	F	50
702636	E07	28	533	80	F	50
712272	E07	28	533	120	F	50
731478	E07	30	533	40	F	50
702637	E07	30	533	60	F	50
702638	E07	30	533	80	F	50
702639	E07	30	533	100	F	50
731479	E07	30	533	120	F	50
708033	E13	30	1250	40	F	20
708034	E13	30	1250	50	F	20
708035	E13	30	1250	60	F	20
708036	E13	30	1250	80	F	20
749841	E07	50	450	40	F	50
787922	E07	50	450	60	F	50
798453	E07	50	450	80	F	50
751848	E07	50	450	100	F	50
770307	E07	50	450	120	F	50
704739	E07	50	450	180	F	50
774496	E07	50	450	220	F	50
760026	E07	50	450	240	F	50
708301	E13	50	1000	40	F	50
708303	E13	50	1000	60	F	50

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L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711X

(continued from page 77)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
708304	E13	50	1000	80	F	50
741565	E13	50	1000	100	F	50
708309	E13	50	1020	40	F	20
708311	E13	50	1020	60	L	10
708312	E13	50	1020	80	F	20
708313	E13	50	1020	100	F	20
754385	E13	50	1020	120	L	10
736746	E13	50	1020	180	F	20
754388	E13	50	1020	280	F	20
708379	E13	50	2000	40	L	10
708381	E13	50	2000	60	L	10
708382	E13	50	2000	80	L	10
708383	E13	50	2000	100	F	20
708384	E13	50	2000	120	L	10
708385	E13	50	2000	150	F	20
708386	E13	50	2000	180	L	10
708387	E13	50	2000	220	F	20
708388	E13	50	2000	240	F	20
708389	E13	50	2000	280	F	20
708390	E13	50	2000	320	F	20
708391	E13	50	2000	400	F	20
708421	E13	50	2500	40	L	10
708422	E13	50	2500	50	F	20
708423	E13	50	2500	60	F	20
708424	E13	50	2500	80	F	20
708426	E13	50	2500	120	F	20
708427	E13	50	2500	180	F	20
708429	E13	50	2500	240	F	20
754432	E13	50	2500	320	F	20
769906	E07	50	3500	24	L	10
702697	E07	50	3500	36	F	20
702698	E07	50	3500	40	L	10
734793	E07	50	3500	50	L	10
702699	E07	50	3500	60	L	10
702700	E07	50	3500	80	L	10
702701	E07	50	3500	120	L	10
702703	E07	50	3500	180	F	20
712000	E07	50	3500	150	F	20
744900	E07	50	3500	240	F	20
731335	E07	50	3500	280	F	20
739867	E07	50	3500	320	F	20
795181	E07	50	3500	400	F	20
708685	E13	75	2000	36	L	10
708686	E13	75	2000	40	L	10

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711X

(continued from page 78)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
708688	E13	75	2000	60	L	10
708689	E13	75	2000	80	L	10
708690	E13	75	2000	100	L	10
708691	E13	75	2000	120	L	10
708692	E13	75	2000	150	F	20
708693	E13	75	2000	180	L	10
708695	E13	75	2000	240	L	10
708697	E13	75	2000	320	F	20
708698	E13	75	2000	400	L	10
708712	E13	75	2500	36	F	20
708713	E13	75	2500	40	F	20
708715	E13	75	2500	60	F	20
708716	E13	75	2500	80	F	20
708717	E13	75	2500	100	F	20
708718	E13	75	2500	120	F	20
708720	E13	75	2500	180	F	20
797712	E07	75	3500	36	F	20
702747	E07	75	3500	40	F	20
734705	E07	75	3500	50	F	20
737649	E07	75	3500	60	F	20
702748	E07	75	3500	80	F	20
735635	E07	75	3500	100	F	20
702749	E07	75	3500	120	F	20
751735	E07	75	3500	150	F	20
702750	E07	75	3500	180	F	20
708874	E13	100	950	40	F	50
715747	E14	100	950	60	F	50
704873	E14	100	950	80	F	50
715749	E14	100	950	100	F	50
762258	E14	100	950	120	F	50
763768	E14	100	1000	40	L	10
715752	E14	100	1000	60	L	10
757587	E14	100	1000	80	L	10
715753	E14	100	1000	100	L	10
715754	E14	100	1000	120	L	10
757589	E14	100	1000	180	F	50
702801	E07	100	3500	40	L	10
796759	E07	100	3500	50	F	20
702802	E07	100	3500	60	L	10
711954	E07	100	3500	80	L	10
702804	E07	100	3500	120	F	20
753966	E07	100	3500	180	F	20
709206	E13	150	2000	40	L	10
709208	E13	150	2000	60	L	10
709209	E13	150	2000	80	L	10

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L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711X

(continued from page 79)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709210	E13	150	2000	100	L	10
709211	E13	150	2000	120	L	10
709212	E13	150	2000	150	F	20
709213	E13	150	2000	180	F	20
709215	E13	150	2000	240	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

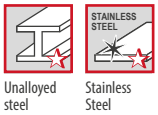
KK711T

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	T-Cotton
Flexibility	Semi-flexible

Materials



Unalloyed steel · Stainless Steel · Non-ferrous metal

Features

Low to medium pressure · Close coated

High-performance aluminium oxide abrasive on a semi-sturdy cotton backing for universal use. KK711T is characterised by a long service life and good adaptability.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
751339	E13	40	815	60	F	50
756545	E13	40	815	80	F	50
756546	E13	40	815	120	F	50
756548	E13	40	815	150	F	50

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

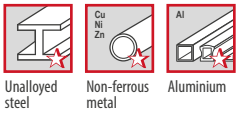
KK511J

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	J-Cotton
Flexibility	Flexible

Materials



Unalloyed steel · Non-ferrous metal · Aluminium · Stainless Steel

Features

Low to medium pressure · Close coated

Universal, high-performance aluminium oxide abrasive on a flexible cotton cloth backing for applications requiring low to medium contact pressure. Characterised by its long lifetime and good adaptability. Especially suitable for working on contours, fittings or edge finishing.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
706033	E13	50	3500	60	F	20
706034	E13	50	3500	80	F	20
706035	E13	50	3500	100	F	20
706036	E13	50	3500	120	F	20
706037	E13	50	3500	150	F	20
706038	E13	50	3500	180	F	20
706040	E13	50	3500	240	F	20
706041	E13	50	3500	280	F	20
706044	E13	50	3500	400	F	20

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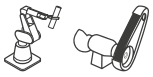
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK841F TOP SIZE

VSM ALUMINIUM OXIDE



Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Cotton
Flexibility	Very flexible

Materials

Stainless Steel | Non-ferrous metal | Aluminium

Features

Low to medium pressure | Close coated

High-performance aluminium oxide abrasive for universal use. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area and improves the cutting performance.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
710693	E13	50	3500	180	F	20
710694	E13	50	3500	220	F	20
755259	E13	50	3500	240	F	20
710695	E13	50	3500	280	F	20
710696	E13	50	3500	400	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK532F STEARATE

VSM STEARATE

Product profile

Bonding	Full-resin bonded
Colour	White
Backing	F-Cotton
Flexibility	Very flexible

Materials

Aluminium · Non-ferrous metal · Composite

Features

Low to medium pressure · Close coated

High-performance aluminium oxide abrasive on a cotton backing for universal use. KK532F is characterised by a long service life and good adaptability. The additional grinding-inducing STEARATE coat reduces adhesion of the material to the grain.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
722058	E07	50	2000	80	F	20
797666	E07	50	2000	120	F	20
727201	E07	50	2000	150	F	20
781285	E07	50	2000	180	F	20
774432	E07	50	2000	240	F	20
714697	E07	50	2000	320	F	20
778179	E07	50	2000	400	F	20
778430	E07	50	2000	600	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK511F

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Cotton
Flexibility	Very flexible

Materials

Unalloyed steel | Stainless Steel | Non-ferrous metal

Features

Medium pressure | Close coated

Universal, high-performance aluminium oxide abrasive on a very flexible cotton cloth backing for applications requiring medium contact pressure. Characterised by its long service life and excellent adaptability. Especially suitable for working on contours, fittings or edge finishing.

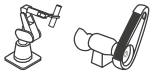
Grit range:

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
705630	E13	50	3500	80	F	20
705631	E13	50	3500	100	F	20
705632	E13	50	3500	120	F	20
705633	E13	50	3500	150	F	20
705634	E13	50	3500	180	F	20
705635	E13	50	3500	220	F	20
753114	E13	50	3500	280	F	20
705637	E13	50	3500	320	F	20
705639	E13	50	3500	400	F	20
705640	E13	50	3500	500	F	20
705641	E13	50	3500	600	F	20
705837	E13	300	3500	80	F	20
705839	E13	300	3500	120	F	20
705841	E13	300	3500	180	F	20
705843	E13	300	3500	240	F	20
705844	E13	300	3500	280	F	20
705845	E13	300	3500	320	F	20
705846	E13	300	3500	360	F	20
705847	E13	300	3500	400	F	20
705848	E13	300	3500	500	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711E

VSM ALUMINIUM OXIDE



Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	E-Cotton
Flexibility	Extremely flexible

Materials

Unalloyed steel | Stainless Steel

Features

Low to medium pressure | Close coated

High-performance aluminium oxide abrasive on an extremely flexible cotton backing for universal use. KK711E is characterised by a long service life and good adaptability.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
714110	E07	50	3500	60	F	20
724075	E07	50	3500	80	F	20
748526	E07	50	3500	100	F	20
734671	E07	50	3500	120	F	20
702260	E07	50	3500	180	F	20
702261	E07	50	3500	240	F	20
702263	E07	50	3500	320	F	20
702264	E07	50	3500	400	F	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK721J

VSM SILICON CARBIDE

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	J-Cotton
Flexibility	Flexible

Materials

Superalloys

Stainless Steel

Non-ferrous metal

Glass/Stone/ Ceramic

Features

Low to medium pressure

Close coated

Silicon carbide abrasive on a flexible cotton backing. CK721J is characterised by high cutting power, a fine scratch pattern and good adaptability.

Grit range:

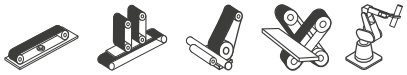
16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200
								P	P		P	P	P	P	P								

Dimensions upon request!

P = Categorised according to the FEPA standard. Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK721X

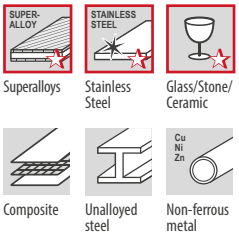
VSM SILICON CARBIDE



Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	X-Polyester (24-180) X-Cotton (220-600)
Flexibility	Sturdy

Materials



Superalloys · Stainless Steel · Glass/Stone/Ceramic · Composite · Unalloyed steel · Non-ferrous metal

Features

Medium to high pressure · Close coated · Also for wet grinding

Universal silicon carbide abrasive on sturdy polyester/cotton cloth backing. CK721X is characterised by its superior grinding ability and a fine surface finish. It is also oil- and waterproof, and is especially suitable for working on mineral materials.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
745222	E07	30	533	60	F	50
700851	E07	30	533	80	F	50
700852	E07	30	533	100	F	50
700853	E07	30	533	120	F	50
741329	E07	30	533	150	F	50
700854	E07	30	533	180	F	50
772658	E07	30	533	220	F	50
700855	E07	30	533	240	F	50
700856	E07	30	533	320	F	50
744914	E07	30	533	400	F	50
756079	E07	50	960	60	F	50
733810	E07	50	960	80	F	50
700873	E07	50	960	100	F	50
750940	E07	50	960	120	F	50
733896	E07	50	960	150	F	50
763477	E07	50	960	240	F	50
706586	E07	50	960	400	F	50
701077	E07	100	3000	80	F	20
701078	E07	100	3000	100	F	20
701079	E07	100	3000	120	F	20
701080	E07	100	3000	150	F	20
701081	E07	100	3000	180	F	20
701083	E07	100	3000	240	F	20

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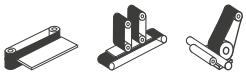
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CK917C

VSM CORK SILICON CARBIDE



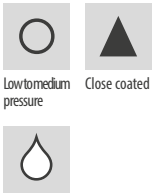
Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	X-Polyester
Flexibility	Sturdy

Materials

Superalloys · Stainless Steel · Unalloyed steel

Features



Low to medium pressure · Close coated · Also for wet grinding

VSM abrasive for polishing made of the finest natural cork and silicon carbide grains. CK917C is ideal for the pre-cleaning of surfaces and for achieving high gloss levels.

Grit range:

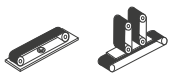
16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200
																P		P		P	P		P

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
799282	E07	50	3500	320	F	20
715711	E07	50	3500	400	F	20
717788	E07	50	3500	600	F	20
734807	E07	50	3500	800	F	20
786682	E07	50	3500	1200	F	20
731986	E07	150	2500	320	F	20
737822	E07	150	2500	400	F	20
735239	E07	150	2500	600	F	20
772470	E07	150	2500	800	F	20
727555	E07	150	2500	1200	F	20
733499	E07	150	3500	320	F	20
733500	E07	150	3500	400	F	20
733512	E07	150	3500	600	F	20
768680	E07	150	3500	800	F	20
733519	E07	150	3500	1200	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XP780

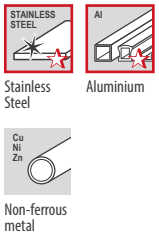
VSM CERAMICS Plus



Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Paper

Materials

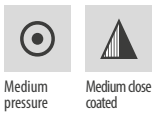


Stainless Steel

Aluminium

Non-ferrous metal

Features



Medium pressure

Medium dose coated

Microcrystalline ceramic grain abrasive with optimised self-sharpening effect on a heavy-duty paper backing. It impresses due to its aggressive cut and an extremely long service life and improves the efficiency of long and wide belt applications at high pressure.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
739174	E13	100	9000	60	F	20
723640	E13	100	9000	80	F	20
723641	E13	100	9000	100	F	20
723673	E13	100	9000	120	F	20

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KP712

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	F-Paper

Materials

Stainless Steel

Unalloyed steel

Superalloys

Features

Medium pressure

Medium close coated

Compactgrain, long-term abrasive on a paper backing with continuous self-sharpening effect reduces the grinding costs due to fewer tool changes. Offers characteristically consistent, high stock removal with uniform surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
718185	E13	150	7800	120	F	20
737063	E13	150	7800	180	F	20
745797	E13	150	7800	240	F	20
702899	E13	150	7800	320	F	20
749032	E13	150	7800	400	F	20

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KP709

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Paper

Materials

Stainless Steel | Superalloys

Features

Medium to high pressure | Close coated

High-performance aluminium oxide abrasive. KP709 is characterised by a long service life, perfect flatness, very high strength and a cool cutting behaviour.

Grit range:

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
744941	E13	150	6880	60	F	20
712606	E13	150	6880	80	F	20
712607	E13	150	6880	100	F	20
712608	E13	150	6880	120	F	20
712609	E13	150	6880	150	F	20
712625	E13	150	7800	40	F	20
712626	E13	150	7800	60	F	20
712627	E13	150	7800	80	F	20
712628	E13	150	7800	100	F	20
733062	E13	150	7800	120	F	20
712629	E13	150	7800	150	F	20
735106	E13	150	7800	180	F	20
712630	E13	150	7800	220	F	20
712631	E13	150	7800	240	F	20
768230	E13	150	9000	60	F	20
744993	E13	150	9000	80	F	20
738825	E13	150	9000	100	F	20
705170	E13	150	9000	120	F	20
738826	E13	150	9000	150	F	20
738840	E13	150	9000	180	F	20
718803	E13	150	9000	240	F	20
738843	E13	150	9000	320	F	20

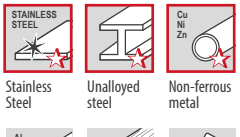
L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KV707X

VSM NON-WOVEN (AO)/(SIC)

Product profile	
Bonding	Full-resin bonded
Colour	Coarse = Brown (AO) Medium = Red (AO) Fine = Blue (AO) Very fine = Grey (SIC)
Backing	X-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Surface Conditioning material on a sturdy polyester backing for improving surface finishes, deburring, rust removal, cleaning, removal of scatter marks and paint coats. Special features are a very long service life, a uniform scratch pattern, good adaptability and no clogging.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
735462	E07	50	2000	Coarse (100)	F	5
724622	E07	50	2000	Medium (180)	F	5
703872	E07	50	2000	Fine (240)	F	5
703873	E07	50	2000	Very fine (400)	F	5
752615	E07	50	3500	Coarse (100)	F	5
752619	E07	50	3500	Medium (180)	F	5
752374	E07	50	3500	Fine (240)	F	5
797400	E07	50	3500	Very fine (400)	F	5
752365	E07	75	2000	Coarse (100)	F	5
797044	E07	75	2000	Medium (180)	L	5
752366	E07	75	2000	Fine (240)	F	5
797045	E07	75	2000	Very fine (400)	F	5
764658	E07	100	1000	Coarse (100)	F	30
709564	E07	100	1000	Medium (180)	F	30
706608	E07	100	1000	Fine (240)	F	30
704812	E07	100	1000	Very fine (400)	F	30
796072	E07	100	3500	Coarse (100)	F	5
796515	E07	100	3500	Medium (180)	F	5
762635	E07	100	3500	Fine (240)	F	5
796605	E07	100	3500	Very fine (400)	F	5
703476	E07	150	2000	Coarse (100)	F	5
701329	E07	150	2000	Medium (180)	L	5
714048	E07	150	2000	Fine (240)	F	5
796383	E07	150	2000	Fine (240)	F	5
752311	E07	150	2000	Very fine (400)	F	5
796376	E07	150	2500	Coarse (100)	F	5
752378	E07	150	2500	Medium (180)	L	5
752308	E07	150	2500	Fine (240)	L	5
752309	E07	150	2500	Very fine (400)	F	5
784654	E07	150	3000	Coarse (100)	F	5

continued on next page

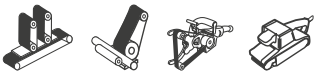
L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KV707X

(continued from page 93)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
763172	E07	150	3000	Medium (180)	F	5
703212	E07	150	3000	Fine (240)	F	5
703759	E07	150	3000	Very fine (400)	F	5
705171	E07	150	3500	Medium (180)	F	5
797067	E07	150	3500	Fine (240)	F	5
797068	E07	150	3500	Very fine (400)	F	5

KV707T

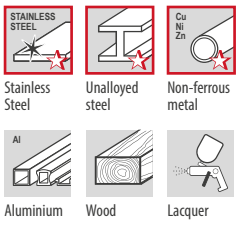


VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Coarse = Brown Medium = Red Fine = Blue
Backing	T-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure

Also for wet grinding

Surface Conditioning material for improving surface finishes, deburring, rust removal, cleaning, removal of scatter marks and paint coats. Special features are a very long service life,a uniform scratch pattern, good adaptability and no clogging.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
731612	E07	20	815	Coarse (100)	F	30
767791	E07	20	815	Medium (180)	F	30
758272	E07	20	815	Fine (240)	F	30
797414	E07	30	533	Coarse (100)	L	5
752364	E07	30	533	Medium (180)	L	5
796705	E07	30	533	Fine (240)	L	5
751518	E07	40	760	Coarse (100)	F	30
751528	E07	40	760	Medium (180)	F	30
766004	E07	40	760	Fine (240)	F	30
725023	E07	40	815	Coarse (100)	F	30
714993	E07	40	815	Medium (180)	F	30
714990	E07	40	815	Fine (240)	F	30
706841	E07	50	450	Coarse (100)	F	30
707476	E07	50	450	Medium (180)	F	30
706844	E07	50	450	Fine (240)	F	30

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

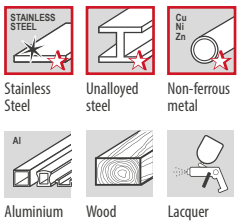
KV701X

VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure

Non-woven on a cloth backing for sheet metal grinding and grinding of slightly profiled parts on stroke sanders. Special features are a consistent scratch pattern, good adaptability and a long service life.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
749374	E13	100	9000	Medium (180)	L	1
772902	E13	120	9000	Medium (180)	L	1

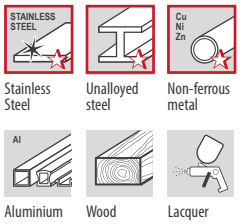
CV701X

VSM NON-WOVEN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	X-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure

Non-woven on a cloth backing for sheet metal grinding and grinding of slightly profiled parts on stroke sanders. Special features are a consistent scratch pattern, good adaptability and a long service life.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Dimensions upon request!

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

RK700X

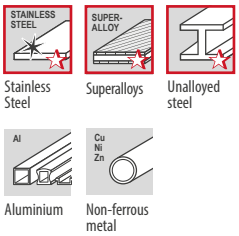
NEW

VSM ILUMERON

Product profile

Bonding	Special bonded
Colour	Anthracite
Backing	X-Polyester

Materials



Stainless Steel · Superalloys · Unalloyed steel · Aluminium · Non-ferrous metal

Features

Low to medium pressure · Open coated · Also for wet grinding

ILUMERON

The blade coated long-term abrasive on a sturdy polyester backing produces a consistently very fine surface finish. RK700X boasts significantly high gloss levels and extremely narrow tolerances for surface values. The abrasive grain breaks down completely. Since this is a gradual process, the service life of the product is enhanced.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709115	E08	630	2620	180	F	5
709116	E08	630	2620	240	F	5
709117	E08	630	2620	320	F	5
709118	E08	630	2620	400	F	5
709120	E08	630	2620	600	F	5
709121	E08	630	2620	800	F	5
709122	E08	630	2620	1000	F	5
709129	E08	630	2620	1200	F	5
709135	E08	970	2620	180	F	5
709136	E08	970	2620	240	F	5
709137	E08	970	2620	320	F	5
709138	E08	970	2620	400	F	5
709152	E08	970	2620	600	F	5
709153	E08	970	2620	800	F	5
709160	E08	970	2620	1000	F	5
709171	E08	970	2620	1200	F	5

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK790Y

VSM COMPACTGRAIN Plus

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features

Medium to high pressure · Medium close coated

Also for wet grinding

The latest generation of long-term abrasives with continuous self-sharpening effect: reduced grinding costs thanks to fewer tool changes with high rates of stock removal. A constant and uniform pattern of wear plus a medium-closed coating results in a more uniform surface finish, especially for cylindrical grinding applications, as well as a more uniform surface roughness over the product's entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709967	E08	630	2620	60	F	5
709968	E08	630	2620	80	F	5
709969	E08	630	2620	120	F	5
710018	E08	630	2620	180	F	5
710036	E08	630	2620	240	F	5
710037	E08	630	2620	320	F	5
710057	E08	630	2620	400	F	5
710060	E08	630	2620	600	F	5
710116	E08	970	2620	60	F	5
710117	E08	970	2620	80	F	5
710118	E08	970	2620	120	F	5
710150	E08	970	2620	180	F	5
710154	E08	970	2620	240	F	5
710181	E08	970	2620	320	F	5
710183	E08	970	2620	400	F	5
710186	E08	970	2620	600	F	5

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK791Y

VSM COMPACTGRAIN Plus

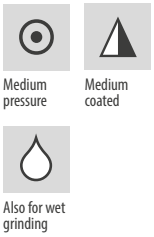
Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Y-Polyester
Flexibility	Very sturdy

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features



Medium pressure · Medium coated · Also for wet grinding

The latest generation of long-term abrasives with continuous self-sharpening effect and reduced grinding costs thanks to fewer tool changes. A constant and uniform pattern of wear plus a semi-open coating results in a more uniform surface finish, especially for flat grinding applications and working on softer types of steel, as well as a more uniform surface roughness over the product's entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709910	E08	630	2620	180	F	5
709912	E08	630	2620	240	F	5
709913	E08	630	2620	320	F	5
709914	E08	630	2620	400	F	5
709918	E08	630	2620	600	F	5
709927	E08	630	2620	800	F	5
709928	E08	970	2620	180	F	5
709931	E08	970	2620	240	F	5
709952	E08	970	2620	320	F	5
709958	E08	970	2620	400	F	5
709961	E08	970	2620	600	F	5
709965	E08	970	2620	800	F	5

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

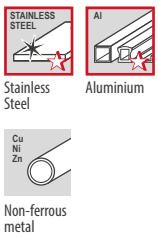
XP780

VSM CERAMICS Plus

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Paper

Materials



Stainless Steel · Aluminium · Non-ferrous metal

Features

Medium pressure · Medium close coated

Microcrystalline ceramic grain abrasive with optimised self-sharpening effect on a heavy-duty paper backing. It impresses due to its aggressive cut and an extremely long service life and improves the efficiency of long and wide belt applications at high pressure.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
799352	E13	1350	2620	60	F	10
799354	E13	1350	2620	80	F	10
768860	E13	1350	2620	120	F	10
777117	E13	1350	2620	100	F	10

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KP532E STEARATE

VSM STEARATE

Product profile

Bonding	Full-resin bonded
Colour	White
Backing	E-Paper

Materials

Aluminium · Lacquer · Wood

Features

Low to medium pressure · Medium coated

Aluminum oxide abrasive on a a heavy paper backing. KP532E is characterised by a long service life, perfect flatness, high strength and low risk of clogging. The additional STEARATE coat reduces adhesion of the material to the grain.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
779780	E13	1350	2620	120	F	10
759876	E13	1350	2620	150	F	10
759878	E13	1350	2620	180	F	10
719048	E13	1350	2620	220	F	10

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KP712

VSM COMPACTGRAIN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Backing	F-Paper

Materials

Stainless Steel

Unalloyed steel

Superalloys

Features

Medium pressure

Medium dose coated

Compactgrain, long-term abrasive on a paper backing with continuous self-sharpening effect reduces the grinding costs due to fewer tool changes. Offers characteristically consistent, high stock removal with uniform surface roughness over its entire, very long service life.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
770046	E13	1120	2150	120	F	10
770066	E13	1120	2150	180	F	10
770050	E13	1120	2150	240	F	10
770056	E13	1120	2150	320	F	10
770057	E13	1120	2150	400	F	10
770058	E13	1120	2150	600	F	10
721911	E13	1120	2150	800	F	10

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CP501

VSM SILICON CARBIDE

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	E-Paper

Materials

Stainless Steel

Superalloys

Lacquer

Features

Low to medium pressure

Close coated

Silicon carbide abrasive on a heavy paper backing. CP501 is characterised by high cutting power, a fine scratch pattern, perfect flatness and a very good grain adhesion.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
717348	E13	1350	2620	180	F	10
717349	E13	1350	2620	220	F	10
717351	E13	1350	2620	280	F	10
717352	E13	1350	2620	320	F	10
717353	E13	1350	2620	400	F	10

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

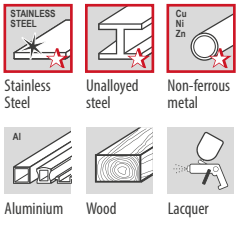
KV707X

VSM NON-WOVEN (AO)/(SIC)

Product profile

Bonding	Full-resin bonded
Colour	Coarse = Brown (AO) Medium = Red (AO) Fine = Blue (AO) Very fine = Grey (SIC)
Backing	X-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure

Also for wet grinding

Surface Conditioning material on a sturdy polyester backing for improving surface finishes, deburring, rust removal, cleaning, removal of scatter marks and paint coats. Special features are a very long service life, a uniform scratch pattern, good adaptability and no clogging.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
761677	E07	930	1900	100	F	2
710135	E07	930	1900	180	F	2
718986	E07	930	1900	240	F	2
761740	E07	930	1900	400	F	2

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

DA930X

VSM DIAMOND

Product profile

Bonding	Galvanic
Colour	Green
Backing	Aramide fiber
Flexibility	Sturdy

Materials

Non-ferrous metal · Glass/Stone/Ceramic · Superalloys · Stainless Steel

Features

Medium pressure · Medium coated

Diamond abrasive, partially coated. Suitable for use with materials such as very hard non-ferrous metals or surface-hardened metals. DA930X is characterised by a very long service life, high stock removal, a consistent surface quality and high temperature resistance.

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
■	■	■	■	■	■	□

Dimensions upon request!

DA920Y

VSM DIAMOND

Product profile

Bonding	Galvanic
Colour	Silver
Backing	Aramide fiber
Flexibility	Very sturdy

Materials

Non-ferrous metal · Glass/Stone/Ceramic · Superalloys · Stainless Steel

Features

Medium to high pressure · Close coated

Diamond abrasive fully coated. Suitable for use with materials such as very hard non-ferrous metals or glass. DA920Y is characterised by a very long service life, a consistent surface quality and high temperature resistance.

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
□	□	■	■	■	■	■

Dimensions upon request!

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

BA970X

VSM CBN

Product profile

Bonding	Galvanic
Colour	Blue
Backing	Aramide fiber
Flexibility	Sturdy

Materials

Superalloys · Unalloyed steel · Stainless Steel

Features

Medium pressure · Medium coated

CBN abrasives partially coated suitable for machining extremely hard metallic materials. BA970X is characterised by a very long service life, high stock removal, a consistent surface quality and high temperature resistance.

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
□	■	■	■	■	■	□

Dimensions upon request!

XK870X TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated · Also for wet grinding

Universal ceramic grain abrasive with a self-sharpening effect: offers impressive results on stainless steels, superalloys or non-ferrous metals with aggressive cut and a very long service life across a wide range of applications. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
736588	E07	13	610	40	F	300
732462	E07	13	610	60	F	300
732461	E07	13	610	80	F	300
734397	E07	13	610	120	F	300

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XK850X TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	X-Polyester
Flexibility	Sturdy

Materials

Aluminum · Stainless Steel · Unalloyed steel · Non-ferrous metal

Features

Medium to high pressure · Medium dose coated · Also for wet grinding

Ceramic grain abrasive with a self-sharpening effect: offers impressive results when working on stainless steels or aluminium with aggressive cut and a very long lifetime – all this despite an optimised price/performance ratio. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
704896	E07	13	610	60	F	300
705733	E07	13	610	36	F	300
732497	E07	13	610	40	F	300
732529	E07	13	610	80	F	300

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

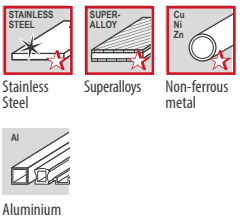
XK870T TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	T-Cotton
Flexibility	Semi-flexible

Materials



Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated

Ceramic grain abrasive with self-sharpening effect, impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
763115	E07	6	520	60	F	300
717114	E07	6	520	80	F	300
717115	E07	6	520	120	F	300
731832	E07	6	610	60	F	300
731815	E07	6	610	80	F	300
740428	E07	6	610	120	F	300
797816	E07	10	330	40	F	300
797817	E07	10	330	60	F	300
711620	E07	10	330	80	F	300
797818	E07	10	330	120	F	300
709987	E07	12	330	40	F	300
709990	E07	12	330	60	F	300
791207	E07	12	330	80	F	300
709992	E07	12	330	120	F	300
702063	E07	12	520	40	F	300
702061	E07	12	520	60	F	300
702053	E07	12	520	80	F	300
702047	E07	12	520	120	F	300
710006	E07	13	305	40	F	300
710014	E07	13	305	60	F	300
710019	E07	13	305	80	F	300
710024	E07	13	305	120	F	300
741693	E07	13	457	40	F	300
776404	E07	13	457	60	F	300
776436	E07	13	457	80	F	300
708528	E07	13	457	120	F	300
790901	E07	13	610	36	F	300
790902	E07	13	610	40	F	300
782318	E07	13	610	60	F	300
790903	E07	13	610	80	F	300
790904	E07	13	610	120	F	300
790905	E07	20	520	36	F	300
790906	E07	20	520	40	F	300
790908	E07	20	520	60	F	300
790909	E07	20	520	80	F	300
790910	E07	20	520	120	F	300

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK713T

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	T-Cotton
Flexibility	Semi-flexible

Materials

Stainless Steel, Unalloyed steel, Superalloys, Non-ferrous metal

Features

Medium pressure, Medium coated

Zirconia aluminia abrasive with self-sharpening effect for machining of tough work-piece surfaces impresses with its aggressive cut and very high stock removal at medium pressure.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
749298	E07	6	520	40	F	300
734867	E07	6	520	60	F	300
734868	E07	6	520	80	F	300
704191	E07	6	520	120	F	300
768078	E07	6	610	40	F	300
704193	E07	6	610	60	F	300
704194	E07	6	610	80	F	300
704195	E07	6	610	120	F	300
731849	E07	9	533	40	F	300
731853	E07	9	533	60	F	300
731836	E07	9	533	80	F	300
731854	E07	9	533	120	F	300
730654	E07	10	330	40	L	100
730655	E07	10	330	60	L	100
734831	E07	10	330	80	L	100
700313	E07	10	330	120	L	100
704197	E07	12	520	40	F	300
742144	E07	12	520	60	F	300
732640	E07	12	520	80	F	300
704198	E07	12	520	120	F	300
764833	E07	13	305	40	F	300
764834	E07	13	305	60	F	300
764835	E07	13	305	80	F	300
745451	E07	13	305	120	F	300
735930	E07	13	457	40	F	300
735931	E07	13	457	60	F	300
764839	E07	13	457	80	F	300

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L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK713T

(continued from page 109)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
704208	E07	13	610	40	L	100
704209	E07	13	610	60	L	100
704210	E07	13	610	80	L	100
704211	E07	13	610	120	L	100
748076	E07	15	330	40	F	300
703331	E07	15	330	60	F	300
737713	E07	15	330	80	F	300
767734	E07	15	330	120	F	300
746083	E07	20	520	40	F	300
774964	E07	20	520	80	F	300
790669	E07	20	520	60	F	300
741368	E07	20	520	120	F	300

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711X

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester (20-80) X-Cotton (100-400)
Flexibility	Sturdy

Materials

Unalloyed steel · Stainless Steel · Non-ferrous metal · Aluminium

Features

Medium pressure · Close coated · Also for wet grinding

Universal, high-performance aluminium oxide abrasive with a closed coat on sturdy polyester or cotton cloth backing – applications include preparing workpieces for polishing work or deburring after laser cutting or water jet cutting. Characterised by its long lifetime.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
702558	E07	6	520	40	F	300
702560	E07	6	610	40	L	100
739752	E07	10	330	40	F	300
730597	E07	12	330	40	F	300
702591	E07	13	610	40	L	100
702614	E07	20	520	36	F	300
702615	E07	20	520	40	L	20

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Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

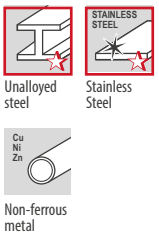
KK711T

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	T-Cotton
Flexibility	Semi-flexible

Materials



Unalloyed steel · Stainless Steel · Non-ferrous metal

Features

Low to medium pressure · Close coated

High-performance aluminium oxide abrasive on a semi-sturdy cotton backing for universal use. KK711T is characterised by a long service life and good adaptability.

Grit range:

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

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
702293	E07	6	520	60	F	300
702294	E07	6	520	80	F	300
702296	E07	6	520	120	F	300
790621	E07	6	520	180	F	300
769615	E07	6	520	240	F	300
734137	E07	6	520	320	F	300
702311	E07	6	610	60	L	100
702302	E07	6	610	80	L	100
702304	E07	6	610	120	L	100
730528	E07	8	330	60	L	100
702320	E07	9	533	60	F	300
744849	E07	9	533	80	F	300
771376	E07	9	533	100	F	300
739313	E07	9	533	120	F	300
710079	E07	9	533	150	F	300
735507	E07	9	533	220	F	300
761346	E07	10	330	60	F	300
730536	E07	10	330	80	L	100
748129	E07	10	330	100	F	300
730537	E07	10	330	120	L	100
762864	E07	10	330	180	L	100
725040	E07	10	330	280	F	300
709921	E07	12	330	60	F	300
730541	E07	12	330	80	F	300
709929	E07	12	330	100	F	300
762868	E07	12	330	120	F	300
709940	E07	12	330	180	F	300

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L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711T

(continued from page 112)

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
708029	E07	12	330	240	F	300
732941	E07	12	520	60	F	300
732945	E07	12	520	80	F	300
732947	E07	12	520	120	F	300
732948	E07	12	520	180	F	300
713095	E07	12	520	240	F	300
730552	E07	13	305	60	L	100
730553	E07	13	305	80	L	100
724261	E07	13	305	100	F	300
730555	E07	13	305	120	F	300
702374	E07	13	457	60	F	300
734505	E07	13	457	80	F	300
739065	E07	13	457	120	F	300
768923	E07	13	457	180	F	300
710064	E07	13	457	280	F	300
702383	E07	13	610	60	L	100
702384	E07	13	610	80	L	100
702386	E07	13	610	120	L	100
702387	E07	13	610	150	F	300
702388	E07	13	610	180	L	100
702389	E07	13	610	240	F	300
754816	E07	13	610	280	F	300
707735	E07	15	330	60	L	100
730565	E07	15	330	80	L	100
730567	E07	15	330	100	F	300
730568	E07	15	330	120	L	100
730569	E07	15	330	180	F	300
730570	E07	15	330	220	F	300
702397	E07	16	520	60	F	300
702398	E07	16	520	80	F	300
702400	E07	16	520	120	F	300
702401	E07	16	520	180	F	300
702403	E07	16	520	240	F	300
702427	E07	20	520	60	F	300
702428	E07	20	520	80	F	300
702429	E07	20	520	100	F	300
702430	E07	20	520	120	F	300
702431	E07	20	520	180	F	300
751622	E07	20	520	240	F	300

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

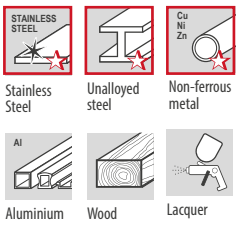
KV707T

VSM NON-WOVEN (AO)

Product profile

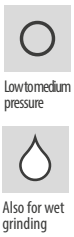
Bonding	Full-resin bonded
Colour	Grob = Brown Medium = Red Fine = Blue
Backing	T-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features



Low to medium pressure · Also for wet grinding

Surface Conditioning material for improving surface finishes, deburring, rust removal, cleaning, removal of scatter marks and paint coats. Special features are a very long service life,a uniform scratch pattern, good adaptability and no clogging.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
752660	E07	6	520	Coarse (100)	F	50
752661	E07	6	520	Medium (180)	F	50
752662	E07	6	520	Fine (240)	F	50
752664	E07	6	610	Coarse (100)	F	50
752665	E07	6	610	Medium (180)	F	50
752666	E07	6	610	Fine (240)	F	50
734999	E07	9	533	Coarse (100)	F	50
798044	E07	9	533	Medium (180)	F	50
705598	E07	9	533	Fine (240)	F	50
797415	E07	10	330	Coarse (100)	F	10
706341	E07	10	330	Medium (180)	F	10
702186	E07	10	330	Fine (240)	F	50
796839	E07	12	520	Coarse (100)	F	50
796840	E07	12	520	Medium (180)	F	50
796841	E07	12	520	Fine (240)	F	50
760551	E07	13	457	Coarse (100)	F	50
709297	E07	13	457	Medium (180)	F	50
725461	E07	13	457	Fine (240)	F	50
752682	E07	13	610	Coarse (100)	L	10
752683	E07	13	610	Medium (180)	L	10
752684	E07	13	610	Fine (240)	L	10
752667	E07	16	520	Coarse (100)	F	50
752668	E07	16	520	Medium (180)	L	10
752669	E07	16	520	Fine (240)	F	50
714816	E07	20	520	Coarse (100)	F	50
703485	E07	20	520	Medium (180)	F	50
703486	E07	20	520	Fine (240)	F	50

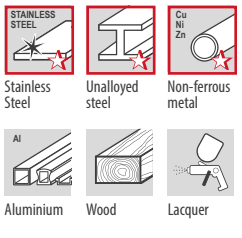
L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KV707T

VSM NON-WOVEN (AO)

Product profile	
Bonding	Full-resin bonded
Colour	Grob = Brown Medium = Red Fine = Blue
Backing	T-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Surface Conditioning material for improving surface finishes, deburring, rust removal, cleaning, removal of scatter marks and paint coats. Special features are a very long service life,a uniform scratch pattern, good adaptability and no clogging.

Fineness range:

■ coarse ■ medium ■ fine □ very fine □ ultra fine

Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit
709818	E07	100	286	Coarse (100)	F	30
724417	E07	100	286	Medium (180)	F	30
724427	E07	100	286	Fine (240)	F	30

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

VSM discs

Possible applications

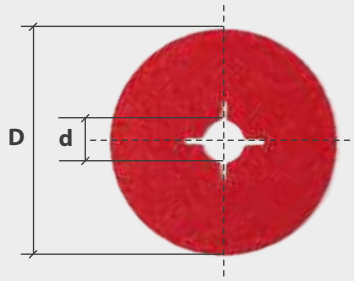
- Power tools
- Deburring machines
- Weld seam preparation and rework
- Removal of gates and feeders
- Rust removal
- Repair grinding
- Cleaning and deburring
- Roughing and finish grinding
- Machining of paints and varnishes

Your advantages

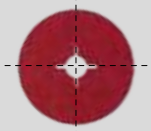
- VSM fibre discs: Dimensionally stable vulcanised fibre backing, which lives up to the highest safety demands, certified by oSa®
- Broad range of applications thanks to a selection of different dimensions and back-up pads with different degrees of hardness
- Paper and cloth discs: available with velour backing or a self-adhesive coat
- Different dimensions and hole patterns for almost any machine
- Abrasives can quickly and easily be changed thanks to velour-backed discs and velour-backed plates.

Types of fibre discs

VSM fibre discs are suitable for a large range of applications. This is why they are available in a variety of different dimensions and shapes. In addition to slotted discs with a cross-shaped centre slot other shapes such as discs with a circular opening in the middle are included in our offering.



D	d
100 mm	16 mm
115 mm	22 mm
125 mm	22 mm
150 mm	22 mm
180 mm	22 mm
235 mm	22 mm

Shapes of fibre discs		flat with centre hole	cambered with spherical cap, standard	cambered with recessed centre
	Non-slotted	S0	S01 (only ø 180 mm and 235 mm)	S05 (only ø 180 mm)
	*Cross-shaped centre slot*	S1	S11 (only ø 180 mm and 235 mm)	S15 (only ø 180 mm)
	Eight slot opening	S8		
	Other special shapes (such as rosettes, polygon shapes) are available upon request			

GENERAL WORKING AND SAFETY INSTRUCTIONS FOR THE USE OF FIBRE DISCS

The safety instructions for the use of coated abrasives according to DIN EN 13743 must be complied with. Among other things, this means that the following applies:

> Fibre discs may only be used in conjunction with approved and correct backing pads.
> The diameter of the fibre disc must not exceed that of the backing pad by more than 15 mm.
> Plunge grinding is not permitted.
> Appropriate safety equipment, such as goggles, work gloves and ear protection must be worn before any work is commenced.

The maximum admissible peripheral surface speed is 80 m/s.
Depending on the diameter of the disc the maximum rpm is:

100 mm	15,300 min^{-1}
115 mm	13,300 min^{-1}
125 mm	12,200 min^{-1}
150 mm	10,200 min^{-1}
180 mm	8.500 min^{-1}
235 mm	6.500 min^{-1}

EN 13743

VSM fibre discs: Safety certificate issued by oSa®

What does oSa® mean?

oSa® stands for "Organisation for the Safety of Abrasives". Since it was founded in 2000, the oSa® has become an internationally acclaimed centre of excellence for the safety of abrasive tools.

The oSa® trademark – A sign for proven safety

Only quality tested tools are given the internationally protected oSa® trademark. These tools are in demand worldwide and clearly distinguish themselves from those of suppliers with no clear safety profile. The right to use the oSa® trademark is only granted to those companies which voluntarily undertake to adhere to the European safety standards for abrasive tools and accept to comply with stricter manufacturing and testing requirements. This means that abrasives approved by this organisation live up to the highest safety standards. Provided general working and safety instructions are adhered to, the users of these abrasive tools enjoy maximum protection.

As a member of the oSa® VSM complies with the following:

- The entire production process of VSM abrasives is monitored
- VSM has a certified quality management system
- VSM carries out regular production controls according to EN standards
- VSM abrasives are fully traceable
- VSM is committed to the best possible working conditions and the highest level of environmental protection

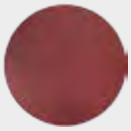
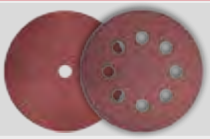
MORE INFORMATION

Check the oSa® safety certificate given to VSM on the Internet at:

www.vsmabrasives.com / service / downloads

For more information on oSa® go to www.osa-abrasives.org.

Hole patterns and models of discs with paper and cloth backings

Shape of disc		Version
	*Without hole pattern*	S
	*With hole pattern*	S0 *

* has to be completed with a drawing number when ordering.

Drawing numbers (Z-No.) for discs with paper and cloth backings

Z-No. 019
ø 150 mm
6 holes ø 10 mm
Pitch circle ø 80 mm

Z-No. 076
ø 150 mm
8 holes ø 10 mm
Pitch circle ø 120 mm
Centre hole ø 18 mm

Z-No. 021
ø 125 mm
8 holes ø 10 mm
Pitch circle ø 65 mm

Number of holes and hole pattern flexible for all popular brands, such as:
Bosch, Fine, Festool, Flex, Makita und Metabo.

AF890

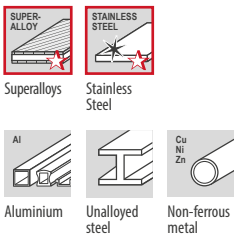
TOP SIZE

VSM ACTIROX

Product profile

Bonding	Full-resin bonded
Colour	Petrol
Backing	Vulcanised fibre

Materials



Superalloys · Stainless Steel · Aluminium · Unalloyed steel · Non-ferrous metal

Features

Medium to high pressure · Medium dose coated

ACTIROX

The geometrically shaped ceramic grain generates maximum stock removal when machining superalloys and stainless steel. A fast cut and an extremely long service life lead to a significant increase in productivity. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
709157	S1	115	22	36	L	50
709158	S1	125	22	36	L	50
709159	S1	180	22	36	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

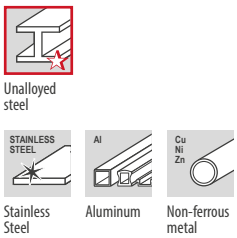
AF799

VSM ACTIROX

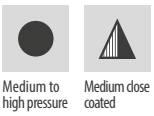
Product profile

Bonding	Full-resin bonded
Colour	Dark Petrol
Backing	Vulcanised fibre

Materials



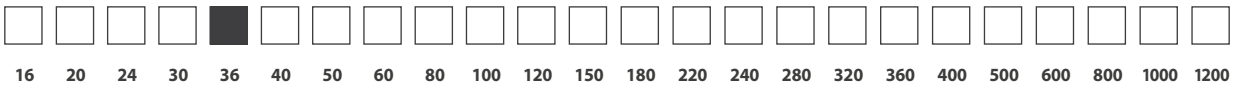
Features



ACTIROX

The geometrically shaped ceramic grain generates maximum stock removal when machining superalloys and stainless steel. A fast cut and an extremely long service life lead to a significant increase in productivity.

Grit range:



Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
787862	S1	115	22	36	L	50
787863	S1	125	22	36	L	50
787864	S1	180	22	36	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XF885

TOP SIZE

VSM CERAMICS Plus

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Vulcanised fibre

Materials

Superalloys · Stainless Steel · Aluminium

Features

Medium to high pressure · Medium dose coated

Microcrystalline ceramic grain abrasive with a medium-closed coat and improved self-sharpening effect for medium to high contact pressures. Optimised for working on superalloys, stainless steels or aluminium. Offers impressively aggressive yet cool grinding over very long lifetimes. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
795234	S1	115	22	20	L	50
795235	S1	115	22	24	L	50
795236	S1	115	22	36	L	50
795238	S1	115	22	40	L	50
795239	S1	115	22	50	L	50
795240	S1	115	22	60	L	50
795241	S1	115	22	80	L	50
795243	S1	115	22	100	L	50
795245	S1	115	22	120	L	50
795247	S1	125	22	20	L	50
795248	S1	125	22	24	L	50
795249	S1	125	22	36	L	50
795250	S1	125	22	40	L	50
795251	S1	125	22	50	L	50
795252	S1	125	22	60	L	50
795253	S1	125	22	80	L	50
795255	S1	125	22	100	L	50
795258	S1	125	22	120	L	50
795259	S1	180	22	20	L	50
795260	S1	180	22	24	L	50
795261	S1	180	22	36	L	50
795263	S1	180	22	40	L	50
795264	S1	180	22	50	L	50
795266	S1	180	22	60	L	50
795267	S1	180	22	80	L	50
795268	S1	180	22	100	L	50
795269	S1	180	22	120	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XF870

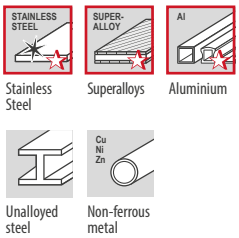
TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	Vulcanised fibre

Materials



Stainless Steel · Superalloys · Aluminium · Unalloyed steel · Non-ferrous metal

Features

Medium pressure · Medium coated

Ceramic grain abrasive with a medium coat and self-sharpening effect for medium contact pressures: offers impressive results on stainless steels or superalloys with aggressive cut and a very long lifetime. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
737048	S1	115	22	24	L	50
731252	S1	115	22	36	L	50
731254	S1	115	22	40	L	50
731255	S1	115	22	50	L	50
731257	S1	115	22	60	L	50
731258	S1	115	22	80	L	50
737045	S1	115	22	100	L	50
731259	S1	115	22	120	L	50
737051	S1	125	22	24	L	50
731262	S1	125	22	36	L	50
731263	S1	125	22	40	L	50
731264	S1	125	22	50	L	50
731267	S1	125	22	60	L	50
731268	S1	125	22	80	L	50
737050	S1	125	22	100	L	50
731270	S1	125	22	120	L	50
737053	S1	180	22	24	L	50
731273	S1	180	22	36	L	50
731274	S1	180	22	40	L	50
731275	S1	180	22	50	L	50
731276	S1	180	22	60	L	50
731277	S1	180	22	80	L	50
731278	S1	180	22	120	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XF850

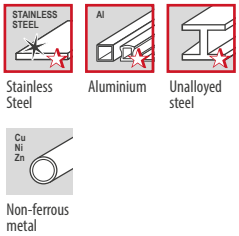
TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	Vulcanised fibre

Materials



Stainless Steel · Aluminium · Unalloyed steel · Non-ferrous metal

Features

Medium to high pressure · Medium dose coated

Ceramic grain abrasive with a medium-closed coat and self-sharpening effect for medium to high contact pressures: offers impressive results when working on stainless steels, aluminium or unalloyed steel with aggressive cut and a very long lifetime – despite the product's optimised price/performance ratio. The additional TOP SIZE layer improves stock removal while reducing the temperature in the grinding zone.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
766608	S1	115	22	36	L	50
766874	S1	115	22	40	L	50
766909	S1	115	22	50	L	50
766922	S1	115	22	60	L	50
766927	S1	115	22	80	L	50
766959	S1	125	22	36	L	50
766976	S1	125	22	40	L	50
767027	S1	125	22	60	L	50
767043	S1	125	22	80	L	50
767044	S1	180	22	36	L	50
767106	S1	180	22	50	L	50
767181	S1	180	22	60	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

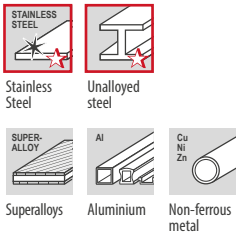
XF760

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red-violet
Backing	Vulcanised fibre

Materials



Stainless Steel · Unalloyed steel · Superalloys · Aluminium · Non-ferrous metal

Features

Medium pressure · Medium coated

Medium coated, ceramic grain abrasive with self-sharpening effect. Its aggressive grinding performance and very long service life offer impressive results when working on very hard surfaces such as unalloyed or stainless steel.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
737774	S1	115	22	24	L	50
731279	S1	115	22	36	L	50
737737	S1	115	22	40	L	50
737728	S1	115	22	50	L	50
731281	S1	115	22	60	L	50
731282	S1	115	22	80	L	50
733865	S1	115	22	120	L	50
737776	S1	125	22	24	L	50
731283	S1	125	22	36	L	50
737738	S1	125	22	40	L	50
737731	S1	125	22	50	L	50
731284	S1	125	22	60	L	50
731287	S1	125	22	80	L	50
737777	S1	180	22	24	L	50
731289	S1	180	22	36	L	50
737739	S1	180	22	40	L	50
731290	S1	180	22	60	L	50
731292	S1	180	22	80	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XF733

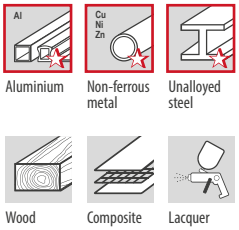
STEARATE+

VSM STEARATE Plus

Product profile

Bonding	Full-resin bonded
Colour	White
Backing	Vulcanised fibre

Materials



Aluminium · Non-ferrous metal · Unalloyed steel · Wood · Composite · Lacquer

Features

Medium to high pressure · Medium dose coated

The new STEARATE Plus additional layer significantly reduces the adhesion of the material to the abrasive grain. XF733 is a ceramic grain abrasive with a half-open spread for a self-sharpening effect. It is impressive when it comes to machining non-ferrous metals – particularly aluminium – thanks to its aggressive grinding and very long service life.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
787586	S1	115	22	24	L	50
787587	S1	115	22	36	L	50
787588	S1	115	22	60	L	50
787591	S1	115	22	80	L	50
787592	S1	125	22	24	L	50
787594	S1	125	22	36	L	50
787599	S1	125	22	60	L	50
787600	S1	125	22	80	L	50
787601	S1	180	22	24	L	50
787602	S1	180	22	36	L	50
787609	S1	180	22	60	L	50
787611	S1	180	22	80	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZF714

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	Vulcanised fibre

Materials

Stainless Steel | Unalloyed steel

Features

Medium pressure | Medium coated

Zirconia aluminia abrasive with self-sharpening effect for machining of tough workpiece surfaces impresses with its aggressive cut and very high stock removal.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
799719	S1	115	22	24	L	50
799720	S1	115	22	36	L	50
752611	S1	115	22	60	L	50
799721	S1	115	22	80	L	50
799722	S1	115	22	120	L	50
799723	S1	125	22	24	L	50
799725	S1	125	22	36	L	50
799727	S1	125	22	40	L	50
799741	S1	125	22	60	L	50
799742	S1	125	22	80	L	50
799743	S1	125	22	120	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZF713

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	Vulcanised fibre

Materials

Unalloyed steel

Stainless Steel

Features

Low to medium pressure

Open coated

Zirconia aluminia abrasive with self-sharpening effect for machining of tough workpiece surfaces impresses with its aggressive cut and very high stock removal.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
799699	S1	115	22	24	L	50
799700	S1	115	22	36	L	50
799701	S1	115	22	40	L	50
799703	S1	115	22	50	L	50
799704	S1	115	22	60	L	50
799705	S1	115	22	80	L	50
799706	S1	115	22	100	L	50
799707	S1	115	22	120	L	50
799708	S1	125	22	24	L	50
799709	S1	125	22	36	L	50
799710	S1	125	22	40	L	50
799711	S1	125	22	50	L	50
799712	S1	125	22	60	L	50
799713	S1	125	22	80	L	50
799714	S1	125	22	100	L	50
799715	S1	125	22	120	L	50
750844	S1	180	22	24	L	50
750845	S1	180	22	36	L	50
799716	S1	180	22	40	L	50
799717	S1	180	22	50	L	50
776790	S1	180	22	60	L	50
750846	S1	180	22	80	L	50
799718	S1	180	22	120	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KF808

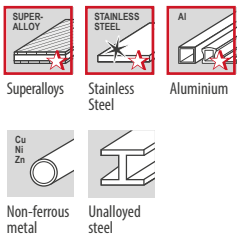
TOP SIZE

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Vulcanised fibre

Materials



Superalloys · Stainless Steel · Aluminium · Non-ferrous metal · Unalloyed steel

Features

Medium to high pressure · Close coated

High-performance aluminium oxide abrasive. Ensures a cool grinding process thanks to an additional grinding-active TOP SIZE layer. KF808 is characterised by a long service life and optimum adaptability.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
799451	S1	115	22	36	L	50
799488	S1	115	22	60	L	50
799499	S1	115	22	80	L	50
799501	S1	115	22	100	L	50
799504	S1	115	22	120	L	50
799505	S1	115	22	150	L	50
799506	S1	115	22	180	L	50
799542	S1	115	22	220	L	50
799560	S1	125	22	36	L	50
788193	S1	125	22	60	L	50
788194	S1	125	22	80	L	50
799574	S1	125	22	100	L	50
763561	S1	125	22	120	L	50
799592	S1	125	22	150	L	50
799613	S1	125	22	180	L	50
799618	S1	125	22	220	L	50
799621	S1	180	22	36	L	50
799635	S1	180	22	60	L	50
799637	S1	180	22	80	L	50
799654	S1	180	22	120	L	50
799670	S1	180	22	150	L	50
799681	S1	180	22	180	L	50
799690	S1	180	22	220	L	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

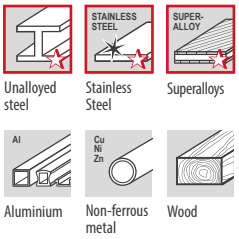
KF708

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	Vulcanised fibre

Materials



Unalloyed steel · Stainless Steel · Superalloys · Aluminium · Non-ferrous metal · Wood

Features

Medium to high pressure · Close coated

High-performance aluminium oxide abrasive for universal use which is characterised by a long service life and optimum adaptability.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
799283	S1	115	22	16	L	50
799284	S1	115	22	24	L	50
799285	S1	115	22	36	L	50
799287	S1	115	22	40	L	50
799289	S1	115	22	50	L	50
799292	S1	115	22	60	L	50
799298	S1	115	22	80	L	50
799306	S1	115	22	100	L	50
799315	S1	115	22	120	L	50
799316	S1	125	22	16	L	50
799322	S1	125	22	24	L	50
788166	S1	125	22	36	L	50
799339	S1	125	22	40	L	50
799364	S1	125	22	50	L	50
799366	S1	125	22	60	L	50
788170	S1	125	22	80	L	50
799324	S1	125	22	100	L	50
799373	S1	125	22	120	L	50
727844	S1	150	22	16	L	50
727845	S1	150	22	24	L	50
727847	S1	150	22	36	L	50
727849	S1	150	22	50	L	50
727850	S1	150	22	60	L	50
727851	S1	150	22	80	L	50
727852	S1	150	22	100	L	50
799374	S1	180	22	16	L	50
799388	S1	180	22	24	L	50
799425	S1	180	22	36	L	50
799428	S1	180	22	40	L	50
799429	S1	180	22	50	L	50
799440	S1	180	22	60	L	50
799441	S1	180	22	80	L	50
799442	S1	180	22	100	L	50
799444	S1	180	22	120	L	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

SF08

VSM SILICON CARBIDE

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	Vulcanised fibre

Materials

Stainless Steel | Non-ferrous metal | Glass/Stone/ Ceramic

Features

Low to medium pressure | Close coated

Silicon carbide abrasive for low pressures. Features excellent cutting ability.

Grit range:

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

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
799692	S1	115	22	24	L	50
799693	S1	115	22	36	L	50
799694	S1	115	22	60	L	50
799695	S1	115	22	80	L	50
799696	S1	125	22	16	L	50
799697	S1	125	22	36	L	50
728337	S1	180	22	16	L	50
799698	S1	180	22	24	L	50
750849	S1	180	22	36	L	50
787781	S1	180	22	60	L	50
728343	S1	180	22	120	L	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

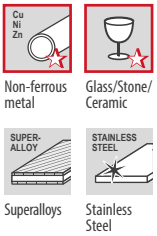
DA930K

VSM DIAMOND

Product profile

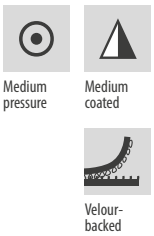
Bonding	Galvanic
Colour	Green
Backing	Aramide fiber
Flexibility	Sturdy

Materials



Non-ferrous metal · Glass/Stone/Ceramic · Superalloys · Stainless Steel

Features



Medium pressure · Medium coated · Velour-backed

Diamond abrasive on a velour backing, partially coated. Suitable for use with materials such as very hard non-ferrous metals or surface-hardened metals. DA930K is characterised by a very long service life, high stock removal, a consistent surface quality and high temperature resistance.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Grit range:

357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm
□	■	■	■	■	■	□

Dimensions upon request!

XK870K TOP SIZE

VSM CERAMICS

*)

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	X-Polyester
Flexibility	Sturdy

Materials

Stainless Steel · Superalloys · Non-ferrous metal · Aluminium

Features

Medium pressure · Medium coated · Velour-backed

Ceramic grain abrasive with self-sharpening effect on a velour-backing, impresses when machining extremely hard surfaces for extensive stock removal due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders and for VSM back-up pad ZKLF for low and medium speed angle grinders (refer to page 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
746670	S	115	80	L	50
748301	S	115	60	L	50
754790	S	115	100	L	50
719437	S	115	120	L	50
748295	S	125	60	L	50
748299	S	125	80	L	50
754916	S	125	100	L	50
745161	S	125	120	L	50
748308	S	150	60	L	50
748309	S	150	80	L	50
754792	S	150	100	L	50
745162	S	150	120	L	50

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

XL870F TOP SIZE

VSM CERAMICS

Product profile

Bonding	Full-resin bonded
Colour	Red
Backing	F-Cotton
Flexibility	Very flexible

Materials

Stainless Steel · Aluminium · Unalloyed steel

Features

Medium pressure · Medium coated

Velour-backed

Ceramic grain abrasive with self-sharpening effect on a soft cotton backing. It impresses when adopting a surface-driven appraoch and machining extremely hard surfaces at high pressure due to its aggressive cut and an extremely long service life. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
761805	S	115	60	F	On request
761806	S	115	80	F	On request
761809	S	115	120	F	On request
760255	S	125	80	F	On request
761813	S	125	60	F	On request
761823	S	125	120	F	On request
755955	S	150	80	F	On request
761828	S	150	60	F	On request
761830	S	150	120	F	On request

F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

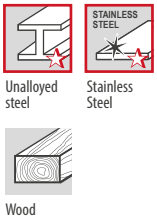
XK760K

VSM CERAMICS

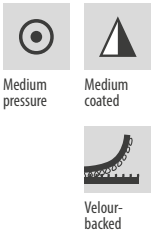
Product profile

Bonding	Full-resin bonded
Colour	Red-violet
Backing	X-Polyester
Flexibility	Sturdy

Materials



Features



Ceramic grain abrasive with self-sharpening effect on a velour-backed sturdy polyester backing. It impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders and for VSM back-up pad ZKLF for low and medium speed angle grinders (refer to page 171).

Grit range:

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
786417	S	115	40	F	On request
768432	S	115	60	F	On request
768434	S	115	80	F	On request
718473	S	125	40	L	50
701252	S	125	60	L	50
777090	S	125	80	L	50
771109	S	150	40	F	On request
771110	S	150	60	F	On request
771125	S	150	80	F	On request

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK731K

VSM COMPACTGRAIN (AO)

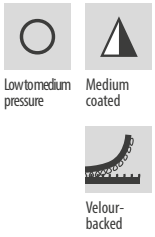
Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	X-Cotton
Flexibility	Sturdy

Materials

Unalloyed steel | Stainless Steel

Features



Low to medium pressure | Medium coated | Velour-backed

Long-term compactgrain abrasive with continuous self-sharpening effect on a velour-backed sturdy cotton backing for self-sticking systems. KK731K is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Grit range:

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

Dimensions upon request!

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK772K

VSM COMPACTGRAIN (AO)

Product profile	
Bonding	Full-resin bonded
Colour	Grey
Backing	J-Polyester
Flexibility	Flexible

Materials

Stainless Steel | Unalloyed steel

Features

Low to medium pressure | Medium coated

Velour-backed

Long-term compactgrain abrasive with continuous self-sharpening effect that reduces grinding costs due to fewer tool changes and is characterised by constant, very high stock removal with even surface roughness over its entire, very long service life.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
702436	S	115	80	F	On request
702437	S	115	120	F	On request
702438	S	115	180	F	On request
771843	S	115	240	F	On request
735603	S	115	320	F	On request
735605	S	115	400	F	On request
735623	S	115	600	F	On request
702433	S	115	800	F	On request
702442	S	115	1000	F	On request
702447	S	115	1200	F	On request
708628	S	125	80	L	50
708641	S	125	120	L	50
708648	S	125	180	L	50
708651	S	125	240	L	50
708654	S	125	320	L	50
708672	S	125	400	L	50
708676	S	125	600	L	50
708682	S	125	800	L	50
708702	S	125	1000	L	50
708703	S	125	1200	L	50
750607	S	150	80	F	On request
702525	S	150	120	F	On request
702526	S	150	180	F	On request
773488	S	150	240	F	On request
785099	S	150	320	F	On request
745095	S	150	400	F	On request
745096	S	150	600	F	On request
773490	S	150	800	F	On request
773498	S	150	1200	F	On request
773519	S	150	1000	F	On request

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

ZK713K

VSM ZIRCONIA ALUMINIA

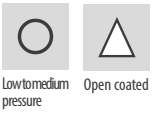
Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester
Flexibility	Sturdy

Materials

Unalloyed steel

Features



Low to medium pressure

Open coated

Velour-backed

Zirconia aluminia abrasive with self-sharpening effect on a velour-backed sturdy polyester backing for self-sticking systems, suitable for machining of tough workpiece surfaces, impresses with its aggressive cut and very high stock removal.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders and for VSM back-up pad ZKLF for low and medium speed angle grinders (refer to page 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
759776	S	115	24	F	On request
777761	S	115	36	F	On request
784145	S	115	40	F	On request
725031	S	115	60	F	On request
725032	S	115	80	F	On request
740672	S	115	100	F	On request
721574	S	125	24	F	On request
721603	S	125	36	F	On request
709673	S	125	40	F	On request
704616	S	125	60	F	On request
703757	S	125	80	F	On request
703758	S	125	100	F	On request
759258	S	150	24	F	On request
759259	S	150	36	F	On request
787153	S	150	40	F	On request
759314	S	150	60	F	On request
759316	S	150	80	F	On request
759324	S	150	100	F	On request

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK711K

VSM ALUMINIUM OXIDE

Product profile	
Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester (P40-P80) X-Cotton (P100, P120)
Flexibility	Sturdy

Materials

Unalloyed steel | Stainless Steel

Features

Low to medium pressure | Close coated

Velour-backed

High-performance aluminium oxide abrasive on a velour-backed, sturdy polyester or cotton backing for universal use. KK711K is characterised by a long service life.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders and for VSM back-up pad ZKLF for low and medium speed angle grinders (refer to page page 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
728870	S	115	40	F	On request
728871	S	115	60	F	On request
728872	S	115	80	F	On request
728873	S	115	100	F	On request
728874	S	115	120	F	On request
761798	S	125	40	F	On request
739750	S	125	60	F	On request
728878	S	125	80	F	On request
728879	S	125	100	F	On request
728880	S	125	120	F	On request
728892	S	150	40	F	On request
728893	S	150	60	F	On request
728894	S	150	80	F	On request
728895	S	150	100	F	On request
728896	S	150	120	F	On request

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

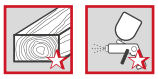
KP131K

VSM ALUMINIUM OXIDE

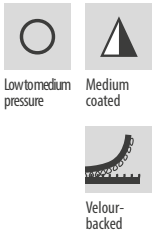
Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	C-Paper (P60-P120) B-Paper (P150-P400)

Materials



Features



Aluminum oxide abrasive on a velour-backed paper backing for self-sticking systems. KP131K is characterised by a long service life, good adaptability and low risk of clogging.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Grit range:

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Z-Nr.	Type	Sales unit
714262	S0	125		60	021	L	50
714263	S0	125		80	021	L	50
714264	S0	125		100	021	L	50
714265	S0	125		120	021	L	50
714266	S0	125		180	021	L	50
714267	S0	125		240	021	L	50
714270	S0	150		60	019	L	50
714271	S0	150		80	019	L	50
714272	S0	150		100	019	L	50
714273	S0	150		120	019	L	50
714280	S0	150		150	019	L	50
714285	S0	150		180	019	L	50
714286	S0	150		240	019	L	50
714287	S0	150		320	019	L	50
714290	S0	150		400	019	L	50
714302	S0	150	18	60	076	L	50
714303	S0	150	18	80	076	L	50
714304	S0	150	18	100	076	L	50
745952	S0	150	18	120	076	L	50
714313	S0	150	18	150	076	L	50
714317	S0	150	18	180	076	L	50
714318	S0	150	18	240	076	L	50
714321	S0	150	18	400	076	L	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CP501K

VSM SILICON CARBIDE

*)

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	E-Paper

Materials

Unalloyed steel · Stainless Steel · Glass/Stone/Ceramic · Wood

Features

Low to medium pressure · Close coated · Velour-backed

Silicon carbide abrasive on a velour-backed heavy paper backing for self-sticking systems. CP501K is characterised by high cutting power, a fine scratch pattern and a very good grain adhesion.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to pagepage 171).

Grit range:

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

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
728771	S	115	40	F	On request
728772	S	115	60	F	On request
728773	S	115	80	F	On request
709139	S	115	100	F	On request
728774	S	115	120	F	On request
761729	S	125	40	F	On request
710070	S	125	60	F	On request
710072	S	125	80	F	On request
710073	S	125	100	F	On request
728786	S	125	120	F	On request
728790	S	150	40	F	On request
728791	S	150	60	F	On request
728792	S	150	80	F	On request
761733	S	150	100	F	On request
728793	S	150	120	F	On request

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

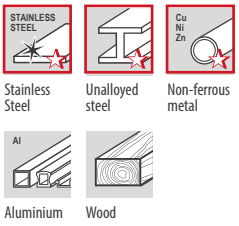
KV707K

VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Coarse = Brown Medium = Red Fine = Blue
Backing	X-Polyester

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood

Features

Low to medium pressure · Also for wet grinding · Velour-backed

Surface Conditioning non-woven discs for grinding in conjunction with VSM special velour backing pads. Suitable for improving surface finishes, deburring, rust removal, removal of scatter marks and paint coats.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to pagepage 171).

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Specification	ø (mm)	ø Centre hole (mm)	Grit	Type	Sales unit
752671	S	115		Coarse (100)	L	20
752672	S	115		Medium (180)	L	20
752673	S	115		Fine (240)	L	20
752674	S	125		Coarse (100)	L	20
752675	S	125		Medium (180)	L	20
752676	S	125		Fine (240)	L	20
790868	S0	125	22	Coarse (100)	L	20
790871	S0	125	22	Medium (180)	L	20
761760	S	150		Coarse (100)	L	20
761761	S	150		Medium (180)	L	20
761762	S	150		Fine (240)	L	20
777864	S	250		Coarse (100)	L	10
777867	S	250		Medium (180)	L	10
777871	S	250		Fine (240)	L	10

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KV701K

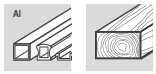
VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Material	Polyamide fiber

Materials

Stainless Steel · Unalloyed steel · Non-ferrous metal



Aluminium · Wood

Features

Low to medium pressure

Velour-backed

Velour-backed non-woven disc with aluminium oxide. The non-woven perfectly adapts to the shape of the workpiece. There is no problem with clogging due to the open structure of the non-woven.

*) designed for use with VSM back-up pad ZKL for medium and high speed angle grinders (refer to page 171).

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Specification	ø (mm)	Grit	Type	Sales unit
729010	S	115	Coarse (100)	L	10
729011	S	115	Medium (180)	L	10
729012	S	115	Fine (280)	L	10
702114	S	125	Coarse (100)	L	10
702115	S	125	Medium (180)	L	10
749390	S	125	Fine (280)	L	10
729013	S	150	Coarse (100)	L	10
729014	S	150	Medium (180)	L	10
729015	S	150	Fine (280)	L	10

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

VSM
KK114F
P180

VSM rolls

Possible applications

- Manual grinding
- Easy deburring
- Smoothing, cleaning and roughing in order to prepare workpiece for further surface finishing
- Roughing and polishing of surfaces and of shaped and profiled parts
- Removing of paint and varnish coats

Specifications of rolls

Specification	Description
R	Rolls without packaging
RSPA	Rolls with plastic core (sleeve packaging)
RSPB	Economy rolls, in a box with integrated cutter

Dimensional tolerances for cut rolls

Width	Tolerance
> 1,000 mm	± 3 mm
51 mm to 1,000 mm	± 2 mm
≤ 50 mm	± 1 mm

Length	Tolerance
all	± 1 m

ZK713X

VSM ZIRCONIA ALUMINIA

Product profile

Bonding	Full-resin bonded
Colour	Blue
Backing	X-Polyester (24-120, 150) X-Cotton (180 320)
Flexibility	Sturdy

Materials

Unalloyed steel · Stainless Steel · Non-ferrous metal · Wood

Features

Low to medium pressure · Open coated

This open coat zirconia aluminia abrasive with self-sharpening effect is designed for working on tough workpiece surfaces, and offers aggressive cut and very high stock removal. ZK713X is especially suitable for sheet metal deburring, for example.

Grit range:

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

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
724871	R	300	50	24	F	50
724872	R	300	50	36	F	50
724873	R	300	50	40	F	50
724874	R	300	50	50	F	50
724875	R	300	50	60	F	50
724876	R	300	50	80	F	50
724877	R	300	50	100	F	50
724878	R	300	50	120	F	50
724879	R	300	50	150	F	50
798320	R	300	50	180	F	50
798337	R	300	50	220	F	50
798321	R	300	50	240	F	50
798322	R	300	50	320	F	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA Standard.
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

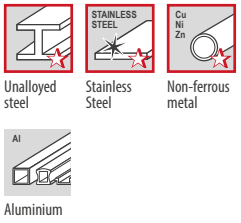
KK711X

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	X-Polyester (20-80) X-Cotton (100-400)
Flexibility	Sturdy

Materials



Unalloyed steel · Stainless Steel · Non-ferrous metal · Aluminium

Features

Medium pressure · Close coated · Also for wet grinding

Universal, high-performance aluminium oxide abrasive with a closed coat on sturdy polyester or cotton cloth backing – applications include preparing workpieces for polishing work or deburring after laser cutting or water jet cutting. Characterised by its long lifetime.

Grit range:

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

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
722703	R	100	50	36	F	150
722704	R	100	50	40	F	150
722706	R	100	50	60	F	150
722707	R	100	50	80	F	150
722708	R	100	50	100	F	150
722709	R	100	50	120	F	150
722770	R	300	50	36	L	50
722771	R	300	50	40	L	50
722772	R	300	50	50	L	50
722773	R	300	50	60	L	50
722774	R	300	50	80	L	50
722775	R	300	50	100	L	50
722776	R	300	50	120	L	50
722777	R	300	50	150	L	50
722778	R	300	50	180	L	50
722780	R	300	50	240	L	50
722782	R	300	50	320	L	50

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA Standard.
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK114F

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Cotton
Flexibility	Very flexible

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features

Low to medium pressure · Medium coated

Aluminium oxide abrasive for universal use in manual applications. Meets the highest standards of acurate thread tearing resistance and very good adaptability.

Grit range:

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

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
726485	RSPA	25	M 50	60	L	50
726486	RSPA	25	M 50	80	L	50
726487	RSPA	25	M 50	100	L	50
726488	RSPA	25	M 50	120	L	50
726489	RSPA	25	M 50	150	L	50
726490	RSPA	25	M 50	180	L	50
726491	RSPA	25	M 50	220	L	50
726492	RSPA	25	M 50	240	L	50
726494	RSPA	25	M 50	320	L	50
726496	RSPA	25	M 50	400	L	50
726497	RSPA	25	M 50	999	L	50
726645	RSPB	25	M 50	40	L	50
726647	RSPB	25	M 50	60	L	50
726648	RSPB	25	M 50	80	L	50
726649	RSPB	25	M 50	100	L	50
726650	RSPB	25	M 50	120	L	50
726651	RSPB	25	M 50	150	L	50
726652	RSPB	25	M 50	180	L	50
726654	RSPB	25	M 50	240	L	50
726656	RSPB	25	M 50	320	L	50
726657	RSPB	25	M 50	400	L	50
726500	RSPA	30	M 50	60	L	50
726501	RSPA	30	M 50	80	L	50
726503	RSPA	30	M 50	120	L	50
726507	RSPA	30	M 50	240	L	50
726509	RSPA	30	M 50	320	L	50
726511	RSPA	30	M 50	400	L	50

continued on next page

L = Stock items / F = Manufactured products / P = Categorised according to the FEPA Standard.
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK114F

(continued from page 152)

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
726527	RSPA	40	M 50	40	L	50
726529	RSPA	40	M 50	60	L	50
726530	RSPA	40	M 50	80	L	50
726531	RSPA	40	M 50	100	L	50
726532	RSPA	40	M 50	120	L	50
726533	RSPA	40	M 50	150	L	50
726534	RSPA	40	M 50	180	L	50
726535	RSPA	40	M 50	220	L	50
726536	RSPA	40	M 50	240	L	50
726538	RSPA	40	M 50	320	L	50
726539	RSPA	40	M 50	360	L	50
726540	RSPA	40	M 50	400	L	50
726658	RSPB	40	M 50	40	L	50
726659	RSPB	40	M 50	60	L	50
726660	RSPB	40	M 50	80	L	50
726661	RSPB	40	M 50	100	L	50
726662	RSPB	40	M 50	120	L	50
726663	RSPB	40	M 50	150	L	50
726664	RSPB	40	M 50	180	L	50
726666	RSPB	40	M 50	240	L	50
726668	RSPB	40	M 50	320	L	50
726669	RSPB	40	M 50	400	L	50
726555	RSPA	50	M 50	40	L	50
726557	RSPA	50	M 50	60	L	50
726558	RSPA	50	M 50	80	L	50
726559	RSPA	50	M 50	100	L	50
726560	RSPA	50	M 50	120	L	50
726561	RSPA	50	M 50	150	L	50
726562	RSPA	50	M 50	180	L	50
726563	RSPA	50	M 50	220	L	50
726564	RSPA	50	M 50	240	L	50
726565	RSPA	50	M 50	280	L	50
726566	RSPA	50	M 50	320	L	50
726568	RSPA	50	M 50	400	L	50
726569	RSPA	50	M 50	999	L	50
761131	RSPB	50	M 50	40	L	50
726671	RSPB	50	M 50	60	L	50
726672	RSPB	50	M 50	80	L	50
726673	RSPB	50	M 50	100	L	50
726674	RSPB	50	M 50	120	L	50
726675	RSPB	50	M 50	150	L	50
726676	RSPB	50	M 50	180	L	50
761133	RSPB	50	M 50	240	L	50

continued on next page

RSPA = Rolls with plastic core / RSPB = Rolls in a box with integrated cutter / L = Stock items / F = Manufactured products / P = Categorised according to the FEPA Standard.
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KK114F

(continued from page 153)

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
761134	RSPB	50	M 50	320	L	50
761135	RSPB	50	M 50	400	L	50
720569	R	100	M 50	40	L	50
720571	R	100	M 50	60	L	50
720572	R	100	M 50	80	L	50
720573	R	100	M 50	100	L	50
720574	R	100	M 50	120	L	50
720575	R	100	M 50	150	L	50
720576	R	100	M 50	180	L	50
720577	R	100	M 50	220	L	50
720578	R	100	M 50	240	L	50
720580	R	100	M 50	320	L	50
720582	R	100	M 50	400	L	50
720592	R	110	M 50	60	L	50
720593	R	110	M 50	80	L	50
720594	R	110	M 50	100	L	50
720595	R	110	M 50	120	L	50
720597	R	110	M 50	180	L	50
720598	R	110	M 50	220	L	50
720601	R	110	M 50	320	L	50
720602	R	110	M 50	400	L	50
720610	R	115	M 50	40	L	50
720612	R	115	M 50	60	L	50
720613	R	115	M 50	80	L	50
720614	R	115	M 50	100	L	50
720615	R	115	M 50	120	L	50
720616	R	115	M 50	150	L	50
720617	R	115	M 50	180	L	50
720619	R	115	M 50	240	L	50
720620	R	115	M 50	320	L	50
720622	R	115	M 50	400	L	50
720627	R	120	M 50	80	L	50
720629	R	120	M 50	120	L	50

RSPA = Rolls with plastic core / RSPB = Rolls in a box with integrated cutter / L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

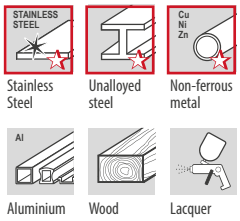
KV701

VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Material	Polyamide fiber

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Polyamide fibre non-woven with aluminium oxide for manual grinding and grinding with hand-held machines. The non-woven perfectly adapts to the shape of the workpiece. There is no problem with clogging due to the open structure of the non-woven.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
724696	R	100	M 10	Fine (280)	L	10
724698	R	115	M 10	Coarse (100)	L	10
780454	R	115	M 10	Medium (180)	L	10
724699	R	115	M 10	Fine (280)	L	10

R = Rolls / RSPB = Rolls in a box with integrated cutter / L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

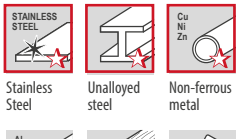
KV301

VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Material	Polyamide fiber

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Polyamide fibre non-woven with aluminium oxide for manual grinding and grinding with hand-held machines. The non-woven perfectly adapts to the shape of the workpiece. There is no problem with clogging due to the open structure of the non-woven.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
751152	R	100	10	Medium (180)	L	10
751153	R	100	10	Fine (280)	L	10
751243	R	115	10	Coarse (100)	L	10
751244	R	115	10	Medium (180)	L	10
751245	R	115	10	Fine (280)	L	10

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

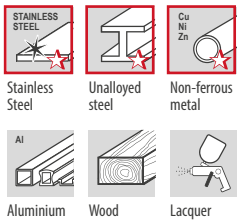
CV701

VSM NON-WOVEN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Material	Polyamide fiber

Materials



Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Polyamide fibre non-woven with silicon carbide for off-hand grinding. The non-woven perfectly adapts to the shape of the workpiece. There is no problem with clogging due to the open structure of the non-woven.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Specification	Width (mm)	Length (m)	Grit	Type	Sales unit
720488	R	100	10	Very Fine (400)	L	10
720490	R	115	10	Fine (280)	L	10
720491	R	115	10	Very Fine (400)	L	10
720492	R	115	10	Ultra Fine (1000)	L	10

L = Stock items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

VSM sheets and pads

Possible applications

> Manual grinding
> Easy deburring
> Smoothing, cleaning and roughing in order to prepare workpiece for further surface finishing
> Roughing and polishing of surfaces and of shaped and profiled parts
> Removing of paint and varnish coats
> Paints and coats in the car repair sector

Your advantages

> For universal use
> Flexible handling
> May be cut or torn to measure
> For wet and dry grinding applications

KK114F

VSM ALUMINIUM OXIDE

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Backing	F-Cotton
Flexibility	Very flexible

Materials

Unalloyed steel · Stainless Steel · Superalloys

Features

Low to medium pressure · Medium coated

Aluminium oxide abrasive for universal use in manual applications. Meets the highest standards of acurate thread tearing resistance and very good adaptability.

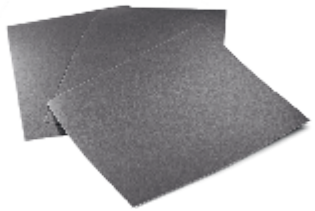
Grit range:

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

Art. No.	Width (mm)	Length (mm)	Grit	Type	Sales unit
700037	230	280	40	L	50
700038	230	280	50	L	50
700039	230	280	60	L	50
700040	230	280	80	L	50
700041	230	280	100	L	50
700042	230	280	120	L	50
700043	230	280	150	L	50
700044	230	280	180	L	50
700045	230	280	220	L	50
700046	230	280	240	L	50
700047	230	280	280	L	50
700048	230	280	320	L	50
700049	230	280	360	L	50
700050	230	280	400	L	50
700051	230	280	444	L	50
700052	230	280	999	L	50

L = Stocked items / F = Manufactured products / P = Categorised according to the FEPA Standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CP918C



VSM SILICON CARBIDE

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	C-Paper

Materials

Lacquer

Features

Low to medium pressure

Medium coated

Also for wet grinding

Silicon carbide abrasive on a sturdy latex paper. CP918C is characterised by high cutting power, a fine scratch pattern and good adaptability.

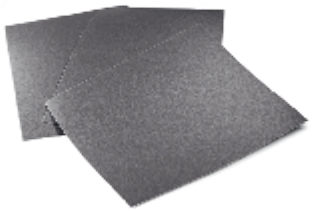
Grit range:

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

Art. No.	Width (mm)	Length (mm)	Grit	Type	Sales unit
700024	230	280	100	L	50
700025	230	280	120	L	50
700026	230	280	150	L	50
700027	230	280	180	L	50

L = Stocked items / F = Manufactured products / P = Categorised according to the FEPA Standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

CP918A



VSM SILICON CARBIDE

Product profile

Bonding	Full-resin bonded
Colour	Black
Backing	A-Paper

Materials

Lacquer

Features

Low to medium pressure

Medium coated

Also for wet grinding

Silicon carbide abrasive on a light-weight latex paper. CP918A is characterised by high cutting power, a fine scratch pattern and good adaptability.

Grit range:

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

Art. No.	Width (mm)	Length (mm)	Grit	Type	Sales unit
700012	230	280	220	L	50
700013	230	280	240	L	50
700014	230	280	280	L	50
700015	230	280	320	L	50
700016	230	280	360	L	50
700017	230	280	400	L	50
700018	230	280	500	L	50
700019	230	280	600	L	50
700020	230	280	800	L	50
700021	230	280	1000	L	50
700022	230	280	1200	L	50

L = Stocked items / F = Manufactured products / P = Categorised according to the FEPA Standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KP131K

for Vitexo hand sanding block (refer to page 169)

VSM ALUMINIUM OXIDE

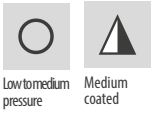
Product profile

Bonding	Full-resin bonded
Colour	Brown
Backing	C-Paper (P60-P120) B-Paper (P150-P400)

Materials

Wood Lacquer

Features



Low to medium pressure | Medium coated

Velour-backed

Aluminum oxide abrasive on a velour-backed paper backing for self-sticking systems. KP131K is characterised by a long service life, good adaptability and low risk of clogging.

Grit range:

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

Art. No.	Width (mm)	Length (mm)	Grit	Z-No.	Type	Sales unit
740807	67	140	60	502	L	500
740808	67	140	80	502	L	500
740867	67	140	100	502	L	500
740868	67	140	120	502	L	500
740869	67	140	150	502	L	500
740870	67	140	180	502	L	500
740871	67	140	240	502	L	500

L = Stocked items / F = Manufactured products / P = Categorised according to the FEPA Standard
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

KV301

VSM NON-WOVEN (AO)

Product profile

Bonding	Full-resin bonded
Colour	Red-brown
Material	Polyamide fiber

Materials

Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Polyamide fibre non-woven with aluminium oxide for manual grinding and grinding with hand-held machines. The non-woven perfectly adapts to the shape of the work-piece. There is no problem with clogging due to the open structure of the non-woven.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Width (mm)	Length (mm)	Grit	Type	Sales unit
751133	150	229	Coarse (100)	L	10
751134	150	229	Medium (180)	L	10
751135	150	229	Fine (280)	L	10

CV301

VSM NON-WOVEN (SIC)

Product profile

Bonding	Full-resin bonded
Colour	Grey
Material	Polyamide fiber

Materials

Stainless Steel · Unalloyed steel · Non-ferrous metal · Aluminium · Wood · Lacquer

Features

Low to medium pressure · Also for wet grinding

Polyamide fibre non-woven with silicon carbide for manual grinding. The non-woven perfectly adapts to the shape of the workpiece. Tthere is no problem with clogging due to the open structure of the non-woven.

Fineness range:

coarse · medium · fine · very fine · ultra fine

Art. No.	Width (mm)	Length (mm)	Grit	Type	Sales unit
751136	150	229	Very Fine (400)	L	10
751137	150	229	Ultra Fine (1000)	L	10

L = Stocked items / F = Manufactured products
Version 03 / 19. Subject to change. **Other dimensions and grits / degrees of fineness upon request.**

VSM accessories

VSM accessories for abrasives simplify operations and increase efficiency:

> The tear-off mechanism of roll holders reduces consumption.
> VSM back-up pads in various shapes and models guarantee safe support, stability and cool handling.

Graphite

UK22

VSM GRAPHITE

Product profile	
Colour	Black
Backing	Heavy Cotton

Features

Medium close coated

VSM sliding lining with a special graphite grit coat serves as wear protection for pressure bars. It reduces friction, prevents dust encrustation and absorbs high loads.

Art. No.	Designation	Width (mm)	Length (mm)	Type	Sales unit
724773	R	150	50	F	50
724776	R	160	50	F	50
724784	R	200	50	F	50

UK20

VSM GRAPHITE

Product profile	
Colour	Black
Backing	Heavy Cotton

Features

Medium coated

VSM sliding lining with a special graphite grit coat serves as wear protection for pressure bars. It reduces friction, is extremely smooth and absorbs high loads.

Art. No.	Designation	Width (mm)	Length (mm)	Type	Sales unit
724738	R	110	50	F	50
724741	R	150	50	F	50
724743	R	160	50	L	50
724753	R	270	50	F	50

L = Stocked items / F = Manufactured products / P = Categorised according to the FEPA Standard
Version 03 / 19. **Subject to change. Other dimensions and grits / degrees of fineness upon request.**

Magazines and holders

Roll magazine

The VSM magazine which holds a supply of up to five rolls for proper storage at the workplace. It makes it possible to use just what is needed thanks to a tear-off mechanism. Designed for rolls with a maximum width of 50 mm.

Art. No.	Designation	Type	Sales unit
799521	Z5R	L	1

Roll holder

VSM roll holder for proper storage of one roll at the workplace. Designed for rolls with a maximum width of 50 mm.

Art. No.	Designation	Type	Sales unit
718874	Z1R	L	1

Fibre disc holder

For the proper storage of fibre discs of up to ø 235 mm, with centre hole ø 22 mm.
To be kept at the workplace. Firmly clamped to prevent distorsions.

Art. No.	Designation		Type	Sales unit
752690	ZFI	180	L	1

Hand sanding block

VSM Vitexo hand sanding block, double-sided use

The VSM hand sanding block features an ergonomic shape and is highly flexible.
VSM velour-backed pads may be used on either side. The hand sanding block is a multi-purpose tool. **Pads for the hand sanding block can be found on page 163.**

Art. No.	Designation	Width (mm)	Length (mm)	Type	Sales unit
731027	KLOTZ	67	140	L	16

L = Stocked items: Delivery time 48 hours. Version 03 / 19. Subject to change.

Back-up pads for fibre discs

Universal back-up pad, medium-hard

Back-up pad for medium to high pressures.

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
790893	ZFI	115	M 14	L	10
790894	ZFI	125	M 14	L	10
790895	ZFI	150	M 14	L	10
790896	ZFI	180	M 14	L	10

TURBO PAD 1 – Back-up pad, hard, with cooling fins

Fins and holes reduce the grinding temperature. Cool grinding enhances the service life of the abrasive. Suitable for high loads.

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
731302	ZFT1	115	M 14	L	10
731303	ZFT1	125	M 14	L	10
731306	ZFT1	180	M 14	L	10

TURBO PAD 2 – Back-up pad, hard, with cooling fins, cambered

Fins reduce the high temperature during the grinding process. The service life of abrasive is enhanced due to cool grinding. The cambered shape translates into higher stock removal and less vibrations. Suitable for high loads.

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
767210	ZFT2	115	M 14	L	10
767271	ZFT2	125	M 14	L	10
767360	ZFT2	180	M 14	L	10

TURBO PAD 3 – Back-up pad, extra hard, with cooling fins, cambered

Fins reduce the high temperature during the grinding process. The service life of abrasive is enhanced due to cool grinding. A significantly better performance can be achieved when using it in conjunction with VSM ACTIROX AF890. Suitable for very high loads.

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
776385	ZFT3	115	M 14	L	10
776386	ZFT3	125	M 14	L	10
776387	ZFT3	180	M 14	L	10

L = Stocked items: Delivery time 48 hours. Version 03 / 19. Subject to change.

Back-up pads for paper and cloth discs

Back-up pad for velour-backed discs, hard

Hard velour-backed back-up pad for use on medium and high speed angle grinders (max. 40 m / s).

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
731018	ZKL	115	M 14	L	10
731020	ZKL	125	M 14	L	10
731021	ZKL	150	M 14	L	10

Back-up pad for velour-backed discs, soft, with cellular rubber

Velour-backed back-up pad with a 12 mm cellular rubber layer. For use on low and medium speed angle grinders (max. 40 m / s).

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
761661	ZKLF	115	M 14	L	10
783366	ZKLF	125	M 14	L	10

Back-up pad for non-woven discs

Special back-up pad for non-woven discs **KV707K (page 146)**. For use on low and medium speed angle grinders (max. 32 m / s).

Art. No.	Designation	ø (mm)	Thread	Type	Sales unit
731023	ZVL	115	M 14	L	10
731024	ZVL	125	M 14	L	10
731025	ZVL	150	M 14	L	10

Back-up pad for non-woven discs, with centering collar

Special back-up pad for non-woven discs **KV707K**, ø 125 mm with center hole ø 22 mm **(page 146)**. For use on low and medium angle grinders (max. 32 m / s).

Art. No.	Designation	ø (mm)	ø Centering collar (mm)	Thread	Type	Sales unit
795272	ZVLZ	125	22	M 14	L	10

L = Stocked items: Delivery time 48 hours. Version 03 / 19. Subject to change.

Metalworking

Product range VSM DIAMOND, VSM CBN, VSM CERAMICS, VSM COMPACTGRAIN

Stainless steel	Unalloyed steel	Non-ferrous metals	Backstand	Wide belt grinding	Flat grinding	Centerless	Robotic grinding	Slack of belt	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
		■				●	●				●		Cloth
		■								●			Cloth
		■				●	●				●		Cloth
■	■	■				●	●				●		Cloth

Stainless steel	Unalloyed st.	Non-ferrous metals	Backstand	Wide belt grinding	Flat grinding	Centerless	Robotic grinding	Slack of belt	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
■	■	■							●				Fibre
■	■	■							●				Fibre

NOVELTIES

■				○	○	○	○	○					Cloth
		■		○	○	○	○	○					Cloth
		■							●				Fibre

Stainless steel	Unalloyed st.	Non-fer. metals	Backstand	Wide belt grinding	Flat grinding	Centerless	Robotic grinding	Slack of belt	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
■		■	●	●	●	●	●						Cloth
■		■	⊙	⊙	⊙	⊙	⊙				⊙		Cloth
■		■	●	●	●								Cloth
■			●	●	●	●							Cloth
■		■	●	●	●	●	●						Cloth
■		■	●	●	●	●	●				⊙		Cloth
■		■								⊙			Cloth
■		■	●	●	●	●	●				⊙		Cloth
■		■					⊙	⊙			⊙		Cloth
■		■					⊙	⊙			⊙		Cloth
■		■					⊙	⊙			⊙		Cloth
■		■								⊙			Cloth
■	■	■	●	●	●	●	●				⊙		Cloth
■	■	■								○			Cloth
■		■							●				Fibre
■		■							●				Fibre
■		■							●				Fibre
■		■							●				Fibre
■	■			⊙	⊙								Paper

Last revised: 03/19. Subject to change.

Legend:

CER = CERAMICS
ZA = ZIRCONIA ALUMINIA
AO = ALUMINIUM OXIDE
SIC = SILICON CARBIDE

○ for low to medium contact pressure
⊙ for medium contact pressure
● for medium to high contact pressure
◊ also suitable for wet grinding

◥ **TOP SIZE** additional grinding-active layer
◥ **STEARATE** separating layer, prevents clogging
ϟ **antistatic** prevents adhesion of grinding dust
velour-backed products with a velour backing

Stock removal → Finish

Grain type	Feature	357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm	VSM series		Page ▼
VSM DIAMOND		■	■	■	■	■	■		DA930X	VSM DIAMOND/CBN	p. 34
VSM DIAMOND	velour-backed		■	■	■	■	■		DA930K		p. 136
VSM DIAMOND				■	■	■	■	■	DA920Y		p. 34
VSM CBN			■	■	■	■	■		BA970X		p. 35

Grain type	Feature	16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	VSM series		Page ▼
VSM ACTIROX	◥ TOP SIZE					■																				AF890	VSM ACTIROX	p. 124
VSM ACTIROX						■																				AF799		p. 125
VSM ILUMERON	◊													■	■		■		■		■	■	■	■		RK700X	VSM ILUMERON	p. 51
VSM STEARATE Plus	◥ STEARATE⁺, ◊					■	■		■	■																XK733X	VSM STEARATE Plus	p. 48
VSM STEARATE Plus	◥ STEARATE⁺			■		■			■	■																XF733		p. 130

Grain type	Feature	16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	VSM series		Page ▼
VSM CERAMICS Plus	◥ TOP SIZE, ◊		■	■		■	■	■	■	■	■	■														XK885Y	VSM CERAMICS / VSM CERAMICS Plus	p. 36
VSM CERAMICS Plus	◥ TOP SIZE, ◊		■	■		■	■	■	■	■	■	■														XK880Y		p. 37
VSM CERAMICS	◥ TOP SIZE, ◊			■		■																				XK888Z		p. 38
VSM CERAMICS	◥ TOP SIZE, ◊		■	■		■	■	■	■																	XK877Z		p. 39
VSM CERAMICS	◥ TOP SIZE, ◊					■	■	■	■	■	■	■														XK875X		p. 40
VSM CERAMICS	◥ TOP SIZE, ◊			■		■	■	■	■	■	■	■														XK870X		p. 41
VSM CERAMICS	◥ TOP SIZE, velour-backed								■	■	■	■														XK870K		p. 137
VSM CERAMICS	◥ TOP SIZE					■	■	■	■	■		■														XK850X		p. 44
VSM CERAMICS	◥ TOP SIZE					■	■		■	■		■														XK870T		p. 45
VSM CERAMICS	◥ TOP SIZE, ◊							■	■	■	■	■														XK870J		p. 46
VSM CERAMICS	◥ TOP SIZE								■	■	■	■	■	■		■		■		■						XK870F		p. 47
VSM CERAMICS	◥ TOP SIZE, velour-backed								■	■		■														XL870F		p. 138
VSM CERAMICS	◊			■		■	■	■	■	■	■	■														XK760X		p. 49
VSM CERAMICS	velour-backed						■		■	■																XK760K		p. 139
VSM CERAMICS Plus	◥ TOP SIZE		■	■		■	■	■	■	■	■	■														XF885		p. 126
VSM CERAMICS	◥ TOP SIZE			■		■	■	■	■	■	■	■														XF870		p. 127
VSM CERAMICS	◥ TOP SIZE					■	■	■	■	■																XF850		p. 128
VSM CERAMICS				■		■	■	■	■	■		■														XF760		p. 129
VSM CERAMICS Plus									■	■	■	■														XP780		p. 90

Metalworking

Product range VSM COMPACTGRAIN, VSM ZIRCONIA ALUMINIA

Stainless steel	Unalloyed steel	Non-ferrous metals	Backstand	Wide belt grinding	Flat grinding	Centerless	Robotic grinding	Slack of belt	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
■	■			●	●								Cloth
■	■			●	●	●							Cloth
■	■			⊙	⊙	⊙							Cloth
■	■			⊙	⊙	⊙							Cloth
■				⊙	⊙	⊙	⊙						Cloth
■	■			⊙	⊙	⊙	⊙				⊙		Cloth
■	■		⊙				⊙				⊙		Cloth
■	■				○	○	○	○					Cloth
■	■									○			Cloth
■	■			⊙	⊙	⊙	⊙						Cloth
■	■	■								○			Cloth
■	■	■	○				○	○			○		Cloth
■	■	■	○				○	○			○		Cloth
■	■			⊙	○	○							Cloth
■	■	■		⊙	⊙	⊙							Cloth
■	■			○	○	○	○	○			⊙		Cloth
■		■	⊙				⊙	⊙					Cloth
■	■			●	●								Paper
		■	⊙								⊙		Cloth
		■	○				○	○					Cloth
		■		○	○								Paper
■			●	●	●	●							Cloth
	■	■	●	●	●								Cloth
■	■	■	●	●	●	●							Cloth
■	■		●	●	●	●							Cloth
■		■	●	●	●	●						⊙	Cloth
■	■	■	⊙	⊙	⊙		⊙					⊙	Cloth
■	■	■	⊙		⊙		⊙	⊙				⊙	Cloth
■	■	■								⊙			Cloth
■		■							●				Fibre
	■								●				Fibre

Last revised: 03/19. Subject to change.

Legend:

CER = CERAMICS
ZA = ZIRCONIA ALUMINIA
AO = ALUMINIUM OXIDE
SIC = SILICON CARBIDE

○ for low to medium contact pressure
⊙ for medium contact pressure
● for medium to high contact pressure
◊ also suitable for wet grinding

TOP SIZE additional grinding-active layer
STEARATE separating layer, prevents clogging
antistatic prevents adhesion of grinding dust
velour-backed products with a velour backing

Stock removal → Finish

Grain type	Feature	16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	VSM series		Page ▼	
VSM COMPACTGRAIN (CER)	◊								■	■		■														XK786X	VSM COMPACTGRAIN Plus / VSM COMPACTGRAIN	p. 55	
VSM COMPACTGRAIN Plus (AO)	◊								■	■		■		■		■		■		■		■				KK790Y		p. 53	
VSM COMPACTGRAIN Plus (AO)	◊													■		■		■		■		■	■			KK791Y		p. 54	NEW
VSM COMPACTGRAIN (AO)	◊								■	■		■		■		■		■		■		■				KK718X		p. 56	
VSM COMPACTGRAIN (AO)	◥ TOP SIZE									■		■		■		■										KK834X		p. 57	
VSM COMPACTGRAIN (AO)	◊									■		■		■		■		■		■		■				KK712X		p. 58	
VSM COMPACTGRAIN (AO)										■		■		■		■		■		■						KK712J		p. 59	
VSM COMPACTGRAIN (AO)												■		■												KK731X		p. 59	
VSM COMPACTGRAIN (AO)	velour-backed											■		■												KK731K		p. 140	
VSM COMPACTGRAIN (AO)	◊									■		■		■		■		■		■		■	■			KK772X		p. 60	
VSM COMPACTGRAIN (AO)	velour-backed									■		■		■		■		■		■		■	■	■	■	KK772K		p. 141	
VSM COMPACTGRAIN (AO)	◊									■		■		■		■		■		■		■	■	■	■	KK772J		p. 61	
VSM COMPACTGRAIN (AO)												■		■		■		■		■		■	■			KK712F		p. 62	
VSM COMPACTGRAIN (SIC)	◊									■		■		■		■		■		■						CK748X		p. 63	
VSM COMPACTGRAIN (SIC)	◊															■		■		■		■	■	■	■	CK918X		p. 64	
VSM COMPACTGRAIN (SIC)	◊									■		■		■		■		■		■		■	■	■	■	CK772T		p. 66	
VSM COMPACTGRAIN (SIC)										■		■		■				■								CK742J		p. 65	
VSM COMPACTGRAIN (AO)												■		■		■		■		■		■	■			KP712		p. 91	
VSM STEARATE	◥ STEARATE					■	■	■																		KK732X	VSM STEARATE	p. 75	
VSM STEARATE	◥ STEARATE									■	■	■	■	■	■	■		■		■		■				KK532F		p. 84	
VSM STEARATE	◥ STEARATE											■	■	■	■											KP532E		p. 100	
VSM ZIRCONIA ALUMINIA	◥ TOP SIZE, ◊					■	■	■	■	■	■															KK815Y	VSM ZIRCONIA ALUMINIA	p. 67	
VSM ZIRCONIA ALUMINIA	◊			■		■	■	■																		KK716		p. 68	
VSM ZIRCONIA ALUMINIA	◊			■		■	■	■	■	■																KK715X		p. 69	
VSM ZIRCONIA ALUMINIA	◊					■	■		■	■																ZK745X		p. 70	
VSM ZIRCONIA ALUMINIA	◥ TOP SIZE					■	■	■	■	■																ZK744X		p. 71	
VSM ZIRCONIA ALUMINIA	◊			■		■	■	■	■	■	■	■	■	■	■	■		■								ZK713X		p. 72	
VSM ZIRCONIA ALUMINIA						■	■	■	■	■		■														ZK713T		p. 109	
VSM ZIRCONIA ALUMINIA	velour-backed			■		■	■		■	■	■															ZK713K		p. 142	
VSM ZIRCONIA ALUMINIA				■		■	■		■	■		■														ZF714		p. 131	
VSM ZIRCONIA ALUMINIA				■		■	■	■	■	■	■	■														ZF713		p. 132	

Metalworking

Product range VSM ALUMINIUM OXIDE, VSM SILICON CARBIDE, VSM NON-WOVEN, VSM CORK

Stainless steel	Unalloyed steel	Non-ferrous metals	Backstand	Wide belt grinding	Flat grinding	Centerless	Robotic grinding	Slack of belt	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
■			○	◉	○	○	○				○		Cloth
■	■	■	○	○	○	○							Cloth
	■	■	○				○	○			○		Cloth
■	■									○			Cloth
	■	■	○				○	○			○		Cloth
■	■	■	○				○	○			○		Cloth
■		■	○				○	○			○		Cloth
	■	■	○				○	○			○		Cloth
		■	○				○	○					Cloth
■	■	■										○	Cloth
■		■							○				Fibre
	■	■							○				Fibre
■	■	■		○	○								Paper
	■	■								○			Paper
■	■	■	○	○	○	○	○				○		Cloth
■	■		○				○	○			○		Cloth
		■							○				Fibre
■	■	■		○	○								Paper
■	■	■								○			Paper
■	■	■	○	○	○	○	○						Cloth
■	■	■	○		○	○					○		Cloth
■	■	■							○	○			Cloth
■	■	■			○								Cloth
■	■	■								○			Cloth
■	■	■										○	Cloth
■	■	■										○	Cloth
■	■	■			○								Cloth
■	■	■										○	Cloth
■	■	■										○	Cloth
■	■				○	○							Cloth

Last revised: 03/19. Subject to change.

Legend:

CER = CERAMICS
ZA = ZIRCONIA ALUMINIA
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○ for low to medium contact pressure
⊙ for medium contact pressure
● for medium to high contact pressure
◊ also suitable for wet grinding

◀ TOP SIZE additional grinding-active layer
◀ STEARATE separating layer, prevents clogging
antistatic prevents adhesion of grinding dust
velour-backed products with a velour backing

Stock removal → Finish

Grain type	Feature	16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	VSM series		Page ▼
VSM ALUMINIUM OXIDE						■	■	■	■	■	■	■	■	■												KK812X	VSM ALUMINIUM OXIDE	p. 74
VSM ALUMINIUM OXIDE	◊					■	■	■	■	■	■	■	■	■	■	■	■	■		■	■					KK711Y		p. 76
VSM ALUMINIUM OXIDE				■		■	■	■	■	■	■	■	■	■	■	■	■	■		■						KK711X		p. 77
VSM ALUMINIUM OXIDE	velour-backed						■		■	■	■	■														KK711K		p. 143
VSM ALUMINIUM OXIDE								■	■	■	■	■	■	■	■	■	■	■		■	■					KK711T		p. 81
VSM ALUMINIUM OXIDE									■	■	■	■	■	■	■	■	■	■	■	■	■					KK511J		p. 82
VSM ALUMINIUM OXIDE	◀ TOP SIZE								■	■	■	■	■	■	■	■	■	■		■						KK841F		p. 83
VSM ALUMINIUM OXIDE									■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			KK511F		p. 85
VSM ALUMINIUM OXIDE									■	■	■	■		■	■	■		■		■						KK711E		p. 86
VSM ALUMINIUM OXIDE							■	■	■	■	■	■	■	■	■	■	■	■	■	■						KK114F		p. 171
VSM ALUMINIUM OXIDE	◀ TOP SIZE					■			■	■	■	■	■	■	■											KF808		p. 133
VSM ALUMINIUM OXIDE		■		■	■	■	■	■	■	■	■	■														KF708		p. 134
VSM ALUMINIUM OXIDE						■	■		■	■	■	■	■	■	■	■		■								KP709		p. 92
VSM ALUMINIUM OXIDE	velour-backed								■	■	■	■	■	■		■		■		■						KP131K		p. 144
VSM SILICON CARBIDE	◊			■		■	■	■	■	■	■	■	■	■	■	■		■		■		■				CK721X	VSM SILICON CARBIDE	p. 88
VSM SILICON CARBIDE										■	■		■	■	■	■	■									CK721J		p. 87
VSM SILICON CARBIDE		■		■		■			■	■		■														SF08		p. 135
VSM SILICON CARBIDE							■		■	■	■	■	■	■	■	■	■	■			■					CP501		p. 102
VSM SILICON CARBIDE	velour-backed						■		■	■	■	■														CP501K		p. 145
VSM NON-WOVEN (AO/SIC)											■		■		■					■						KV707X	VSM NON-WOVEN	p. 93
VSM NON-WOVEN (AO)											■		■		■											KV707T		p. 94
VSM NON-WOVEN (AO)											■		■		■											KV707K		p. 146
VSM NON-WOVEN (AO)											■		■			■										KV701X		p. 95
VSM NON-WOVEN (AO)	velour-backed										■		■			■										KV701K		p. 147
VSM NON-WOVEN (AO)											■		■			■										KV701		p. 155
VSM NON-WOVEN (AO)											■			■		■										KV301		p. 169
VSM NON-WOVEN (SIC)																■				■				■		CV701X		p. 95
VSM NON-WOVEN (SIC)																■				■				■		CV701		p. 157
VSM NON-WOVEN (SIC)																				■				■		CV301		p. 164
VSM CORK (SIC)	◊																	■		■		■	■		■	CK917C	VSM CORK	p. 89

Other materials

Product range

Glass/Ceramic/Stone	Composite	Cross belt grinding	Edge grinding	Flat grinding	Centerless	Angle grinding	Disc sanding	Dynafile sanding	Hand sanding	Backing
■	■	○	⊙		⊙			⊙		Cloth
■	■						⊙			Cloth
■		○	⊙		⊙					Cloth
	■		⊙					⊙		Cloth
	■		⊙		●			⊙		Cloth
	■						⊙			Cloth
	■					⊙				Fibre
■	■	○	⊙	●				○		Cloth
■		○	⊙							Cloth
	■		⊙		●			⊙		Cloth
	■						⊙			Cloth
	■		⊙		●					Cloth
	■		⊙						○	Cloth
	■				●					Cloth
	■			⊙					○	Paper
■	■	○	⊙	●	●			⊙		Cloth
■	■			⊙	⊙			⊙		Cloth
■	■					⊙				Fibre
■	■								○	Paper
■	■								○	Paper
	■			⊙						Paper
	■					⊙	⊙			Paper
■	■		⊙	●	●					Cloth

Last revised: 03/19. Subject to change.

Legend:

CER = CERAMICS
ZA = ZIRCONIA ALUMINIA
AO = ALUMINIUM OXIDE
SIC = SILICON CARBIDE

○ for low to medium contact pressure
⊙ for medium contact pressure
● for medium to high contact pressure
◊ also suitable for wet grinding

◀ **TOP SIZE** additional grinding-active layer
◀ **STEARATE** separating layer, prevents clogging
antistatic prevents adhesion of grinding dust
velour-backed products with a velour backing

Stock removal → Finish

Grain type	Feature	357 µm	251 µm	126 µm	91 µm	64 µm	46 µm	30 µm	VSM series		Page ▼
VSM Diamond	◊	■	■	■	■	■	■		DA930X	VSM DIAMOND	p. 34
VSM Diamond	velour-backed		■	■	■	■	■		DA930K		p. 136
VSM Diamond	◊			■	■	■	■	■	DA920Y		p. 34

		16	20	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200			
VSM CERAMICS	◀ TOP SIZE, ◊							■	■	■	■	■														XK870J	VSM CERAMICS	p. 46
VSM CERAMICS	◊			■		■	■	■	■	■	■	■														XK760X		p. 49
VSM CERAMICS	velour-backed						■		■	■																XK760K		p. 139
VSM CERAMICS				■		■	■	■	■	■		■														XF760		p. 129
VSM COMPACTGRAIN (SIC)	◊											■		■		■		■		■		■	■	■	■	CK772T	VSM COMPACTGRAIN	p. 66
VSM COMPACTGRAIN (SIC)	◊									■		■		■		■		■		■						CK748X		p. 63
VSM ZIRCONIA ALUMINIA	◊			■		■	■	■	■	■	■	■	■	■	■	■		■								ZK713X	VSM ZIRCONIA ALUMINIA	p. 72
VSM ZIRCONIA ALUMINIA	velour-backed, ◊			■		■	■		■	■	■															ZK713K		p. 142
VSM STEARATE Plus	◀ STEARATE+, ◊								■	■																XK733X	VSM STEARATE / VSM STEARATE Plus	p. 48
VSM STEARATE	◀ STEARATE, ◊					■	■	■																		KK732X		p. 75
VSM STEARATE	◀ STEARATE, ◊									■	■	■	■	■	■	■		■		■		■				KK532F		p. 84
VSM STEARATE	◀ STEARATE											■	■	■	■											KP532E		p. 100
VSM SILICON CARBIDE	◊			■		■	■	■	■	■	■	■	■	■	■	■		■		■		■				CK721X	VSM SILICON CARBIDE	p. 88
VSM SILICON CARBIDE	◊									■	■		■	■	■	■	■									CK721J		p. 87
VSM SILICON CARBIDE	◊	■		■		■			■	■		■														SF08		p. 135
VSM SILICON CARBIDE	◊										■	■	■	■					■			■	■			CP918C		p. 161
VSM SILICON CARBIDE	◊														■	■	■	■	■	■	■	■	■	■	■	CP918A		p. 162
VSM SILICON CARBIDE							■		■	■	■	■	■	■	■	■	■	■		■						CP501		p. 102
VSM SILICON CARBIDE	velour-backed						■		■	■	■	■														CP501K		p. 145
VSM CORK (SIC)	◊																	■		■		■	■		■	CK917C	VSM CORK	p. 89

At one glance – The VSM information system

All product details at one glance

Series

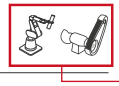
Backing flexibility (here: very sturdy, **please refer to page 21 for more details**)

Additional grinding-active layer (here: VSM TOP SIZE, **please refer to page 25 for more details**)

XK870F TOP SIZE

Grain type

VSM CERAMICS

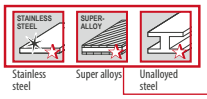


Machine/ Grinding application

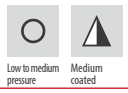
Product profile

Bonding	Full-resin coated
Colour	Red
Backing	F-Cotton
Flexibility	Very flexible

Materials



Features



Developed for... (ordered by suitability)

Also suitable for... (ordered by suitability)

Ceramic grain abrasive with self-sharpening effect on a very flexible cloth backing, impresses when machining extremely hard surfaces due to its aggressive cut and an extremely long service life.

Short description of product

Grit range:

P = Categorised according to the FEPA standard

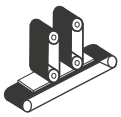
Art. No.	Belt joint	Width (mm)	Length (mm)	Grit	Type	Sales unit	Preis/100
740770	E07	50	3500	20	L	20	1,081.00 €
731341	E07	50	3500	24	L	20	959.00 €
731342	E07	50	3500	36	F	20	918.00 €
731343	E07	50	3500	40	F	20	918.00 €
737785	E07	50	3500	50	F	20	918.00 €

Sorting

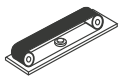
L = Stock items

F = Manufactured products

Machines / Grinding applications

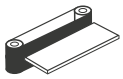


Flat grinding



Long belt grinding

Wide belt grinding



Edge grinding

Backstand

Centerless

Cross belt sanding

Planetary grinding

Air drum

Slack of belt

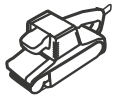
Robotic grinding

Angle grinder

Disc sander

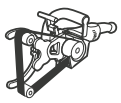
Dynafile sander

Orbital sander



Portable belt sander

Drum grinder



Tube return grinder

Floor sander

Floor disc sander

Hand sanding

Sanding block

Additional grinding-active layers (for more information, **please refer to page 25**)

VSM TOP SIZE

VSM STEARATE Plus

VSM STEARATE

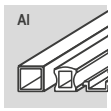
Materials

Metallic materials

Superalloys

Stainless steel

Unalloyed steel



Aluminium

Non-ferrous metals

Non-metallic materials

Wood

Lacquer

Glass/Stone/ Ceramic

Composite

Features

Product features

Open coated

Medium coated

Medium-closed coated

Closed coated

Velour-backed

Product application

Also suitable for wet grinding

Low to medium pressure

Medium pressure

Medium to high pressure

General safeguard provisions

The pictograms with FEPA safety recommendations* are guidelines for the correct use of coated abrasives. It is in the interest of your own safety to comply with these guidelines. In addition, compliance with these guidelines ensures full performance of the abrasive.

Wear eye protection

Wear a mask

Wear ear protection

Wear protective gloves

Refer to instruction manual

Only to be used with a back-up pad

Do not use for wet grinding

*The FEPA safety recommendations are published on our website. Visit us at www.vsmabrasives. com/service/downloads.

VSM series register

Series	Belts	Wide belts	File belts	Sleeves	Discs	Rolls	Sheets ans pads
NEW AF799	-	-	-	-	125	-	-
NEW AF890	-	-	-	-	124	-	-
CK721X	88	-	-	-	-	-	-
CK742J	65	-	-	-	-	-	-
CK748X	63	-	-	-	-	-	-
CK772T	66	-	-	-	-	-	-
CK917C	89	-	-	-	-	-	-
CK918X	64	-	-	-	-	-	-
CP501	-	102	-	-	-	-	-
CP501K	-	-	-	-	145	-	-
CP918A	-	-	-	-	-	-	162
CP918C	-	-	-	-	-	-	161
CV301	-	-	-	-	-	-	164
CV701	-	-	-	-	-	157	-
CV701X	95	-	-	-	-	-	-
DA920Y	34	-	104	-	-	-	-
DA930K	-	-	-	-	136	-	-
DA930X	34	-	104	-	-	-	-
KF708	-	-	-	-	134	-	-
KF808	-	-	-	-	133	-	-
KK114F	-	-	-	-	-	152	160
KK511F	85	-	-	-	-	-	-
KK511J	82	-	-	-	-	-	-
KK532F	84	-	-	-	-	-	-
KK711E	86	-	-	-	-	-	-
KK711K	-	-	-	-	143	-	-
KK711T	81	-	112	-	-	-	-
KK711X	77	-	111	-	-	151	-
KK711Y	76	-	-	-	-	-	-
KK712F	62	-	-	-	-	-	-
KK712J	59	-	-	-	-	-	-
KK712X	58	-	-	-	-	-	-
KK715X	69	-	-	-	-	-	-
KK716	68	-	-	-	-	-	-
KK718X	56	-	-	-	-	-	-
KK731K	-	-	-	-	140	-	-
KK731X	59	-	-	-	-	-	-
KK732X	75	-	-	-	-	-	-
KK772J	61	-	-	-	-	-	-
KK772K	-	-	-	-	141	-	-
KK772X	60	-	-	-	-	-	-
KK790Y	53	97	-	-	-	-	-
KK791Y	54	98	-	-	-	-	-
KK812X	74	-	-	-	-	-	-
KK815Y	67	-	-	-	-	-	-

Series	Belts	Wide belts	File belts	Sleeves	Discs	Rolls	Sheets ans pads
KK834X	57	-	-	-	-	-	-
KK841F	83	-	-	-	-	-	-
KP131K	-	-	-	-	144	-	163
KP532E	100	-	-	-	-	-	-
KP709	92	-	-	-	-	-	-
KP712	92	101	-	-	-	-	-
KV301	-	-	-	-	-	156	164
KV701	-	-	-	-	-	155	-
KV701K	-	-	-	-	147	-	-
KV701X	95	-	-	-	-	-	-
KV707K	-	-	-	-	146	-	-
KV707T	94	-	114	116	-	-	-
KV707X	93	103	-	-	-	-	-
NEW RK700X	51	96	-	-	-	-	-
SF08	-	-	-	-	135	-	-
NEW XF733	-	-	-	-	130	-	-
XF760	-	-	-	-	129	-	-
XF850	-	-	-	-	128	-	-
XF870	-	-	-	-	127	-	-
XF885	-	-	-	-	126	-	-
XK733X	48	-	-	-	-	-	-
XK760K	-	-	-	-	139	-	-
XK760X	49	-	-	-	-	-	-
XK786X	55	-	-	-	-	-	-
XK850X	44	-	107	-	-	-	-
XK870F	47	-	-	-	-	-	-
XK870J	46	-	-	-	-	-	-
XK870K	-	-	-	-	137	-	-
XK870T	45	-	108	-	-	-	-
XK870X	41	-	106	-	-	-	-
XK875X	40	-	-	-	-	-	-
XK877Z	39	-	-	-	-	-	-
XK880Y	37	-	-	-	-	-	-
XK885Y	36	-	-	-	-	-	-
XK888Z	38	-	-	-	-	-	-
XL870F	-	-	-	-	138	-	-
XP780	90	99	-	-	-	-	-
ZF713	-	-	-	-	132	-	-
ZF714	-	-	-	-	131	-	-
ZK713K	-	-	-	-	142	-	-
ZK713T	-	-	109	-	-	-	-
ZK713X	72	-	-	-	-	150	-
ZK744X	71	-	-	-	-	-	-
ZK745X	70	-	-	-	-	-	-

General Terms & Conditions

§ 1 Scope
1. These terms and conditions shall not apply to contracts with endusers.
2. Otherwise these terms and conditions shall apply exclusively unless otherwise agreed in writing. Conflicting or deviating terms and conditions of the customer are not binding for us, even if we have not expressly objected to these or have made the delivery in the knowledge of conflicting terms and conditions.

§ 2 Contract
1. Our offers are without obligation with regard to price, quantity, delivery and lead time.
Customer orders shall only become binding upon receipt of written acceptance in the form of printed confirmation (invoice or delivery note).
2. Other orders, instructions, explanations and notifications of the customer are valid without a form. Subsequent changes are to be dearly marked as such. The burden of proof for the contents as well as the correct and complete transmission shall be done by the party who refers thereto.
3. Insofar as the written form is requested for explanations remote data transmission and all other legible forms shall be deemed equivalent to a written form provided the sender can be identified.

§ 3 Scope of deliveries and services
1. Insofar as documents (drawings, technical data, etc.) are enclosed with our offers, these are estimations only and in particular are not guaranteed. Advice which we may provide in terms of application technology either verbally, in writing and through tests is carried out to the best of our knowledge and is deemed as non-binding advice with regard to possible property rights of third parties. It does not release the customer from their own verification of the products delivered by us for their suitability for the intended processes and purposes.
2. The right is also expressly reserved to make changes in the productions methods, the recipes, the materials, etc. after the contract as long as the price and/or the essential specifications or the delivery time are not changed thereby.
3. We reserve the right to over- and under-deliver to a manufacturing tolerance of 10 % of the ordered quantity. The customer cannot derive any rights from such a discrepancy in quantities.

§ 4 Delivery dates
1. The delivery dates stated by us are non-binding. The pre-requisite is the full clarification of all questions relating to technical details. Any deviations need to be expressly agreed in writing.
2. If a specific delivery time is expressly agreed in writing we shall only be deemed in default after a separate written reminder and after expiry of the final deadline stated therein, which must be reasonable.
3. Force majeure of all kinds, unforeseeable disruption to operation, transport or shipment, fire damage, flooding, unforeseeable lack of manpower, energy, raw materials or auxiliary materials, strikes, lock-outs, government orders or other impediments for which we are not responsible, which reduce, delay or prevent or make unreasonable the production, the shipment, the acceptance or the use, release from the obligation to deliver and/or accept during the duration of the disruption. If the delivery and/or receipt is exceeded by more than 8 weeks as a result of the disruption then both parties are entitled to cancellation. With partial or full loss of our procurement sources we are not obliged to cover our requirements from third party sub-suppliers.
4. We reserve the right to make partial and/or early deliveries.
5. The adherence to delivery deadline by us presumes the timely and proper execution all contractual duties of the customer in particular his payment obligations.

§ 5 Risk Transfer, shipment, packaging
1. The risk of deterioration, loss or damages to the delivered goods shall pass to the customer upon despatch or collection by the customer. Unless otherwise agreed in writing, we reserve the right to choose the shipment route and the type of shipment.
2. There are no costs for standard packaging. Special packaging will be charged at cost. Costs associated with any special customer requests will also be charged to the customer. The same shall apply to increases in the cargo rates which occur after conclusion of the contract, possible additional re-routing costs, storage costs, etc., insofar as carriage paid delivery was not agreed.
3. Deliveries into countries abroad are made upon basis of the current Incoterms 2010.

§ 6 Price, payment terms, security
1. Our prices are valid for minimum net order values of EUR 160,--. Individual line items are subject to minimum quantities for made to order and stock items as shown in the relevant price list. The minimum order value of EUR 160,-- must be reached. For orders less than EUR 160,-- net we shall charge a surcharge of EUR 15,-- or increase the order to EUR 160,-- taking into account our sales units. Orders of less than EUR 60,-- net will not be delivered.
2. The prices which apply on the date upon which the order is placed shall be invoiced unless otherwise expressly agreed in writing. Should we generally increase our prices during the time between conclusion of the contract and delivery then the customer is entitled to cancel the contract within a period of 2 weeks after publication of the price increase unless the price increase is due explicitly to an increase in cargo rates. The right of cancellation shall not apply to permanent supply contracts (Continuous Obligation contracts). Deposits and pre-payments are to be made plus value added tax.
3. In case of changes in the financial circumstances of the customer after conclusion of the contract which may raise doubts about the customer meeting the payment obligation, or if we only become aware of such circumstances, then we shall be entitled to withhold the delivery of the goods until a) the customer either makes a pre-payment payment or b) has provided reasonable collateral. If the latter is not carried out within a reasonable period of time we are entitled to cancel the contract, also insofar as we have not provided the service yet.
4. Retention on the part of the customer is excluded. He may only offset against undisputed claims or claims which have been declared final and absolute.
5. We shall grant cash discount of 2 % (excluded bills of exchange) for payments received within 14 days from invoice date. The payment terms are 30 days net cash. The customer shall be deemed in default, without a reminder, with the expiry of the 30th day after invoice date. We reserve the right to use payments to settle the oldest due invoice item plus the interest on default and costs accrued on this amount in the following order: costs, interest, principal claim.
6. Bills of exchange and cheques are only accepted as conditional payment. The acceptance of bills of exchange requires our express written consent. In such a case the bank, discount and collection charges shall be charged separately to the account of the customer.

§ 7 Customer Claims for quality defects
1. We shall only accept rectification for quality defects according to the statutory regulations by improving defects in the recipe, the quality or in the design or delivering substitute goods at our choice free of charge within a reasonable period of time. Other or further daims of the customer owing to quality defects are excluded. Subclause 5 below remains unaffected.
2. In case of a complaint of quality defects samples of the reported goods are to be sent to us for assessment. The balance of the goods under complaint is to be kept available without specific request for the duration of one month – at no charge to us – on request these goods are to be returned to us for inspection.
3. Even with the existence of quality defects we are only obliged to subsequent rectification if the customer specifies in writing the recognisable quality defects according to §§ 377, 378 HGB [Commercial Code] within a period of 10 days after receipt of the goods and has informed us within this period unless he has resold the item in normal business transactions before discovery or identification of the quality.
4. Product specifications or other features of the delivered goods, which are mentioned in the order documents, do not indude any warranted properties and/or guarantees.
5. If we are not willing to correct quality defects or are not in a position, within a reasonable time frame set to us, then the customer is entitled to cancel the contract or demand a reduction in the purchase price.
Further claims of the customer, no matter for what legal grounds, – in particular claims for damages, also those of a non-contractual type – are excluded insofar as we, our executives and other vicarious agents can only be accused of ordinary negligence as a breach of duty. We shall only be liable for indirect damages and for damages which were not foreseeable at the time when the contract was conduded if there is a case of gross negligence. Mandatory statutory liability regulations remain unaffected.
6. The warranty period is 2 years from risk transfer.

§ 8 Retention of title
1. Title of goods shall only pass to the customer if he has met all his liabilities from the business relationship with us including secondary claims, claims for damages and the redemption of cheques/bills of exchange. This shall also apply to claims of such companies, in which we directly hold 50 % shares or more. The retention of title shall also continue to exist if individual claims are included in a current account and the balance is drawn and recognised.
2. A possible processing or conversion of reserved goods by the customer is always undertaken on our behalf. If the reserved goods are processed with other items which do not belong to us we shall acquire the co-ownership for the new items as a ratio of the value of the reserved goods to the other processed items at the time of processing. Incidentally the same shall apply to the items produced as for the reserved goods themselves.
3. We are entitled to demand that the reserved goods from the customer without setting a final deadline and without cancellation of the contract if he is in default with his obligations with us. The return of the reserved goods shall only represent a cancellation of the contract if we expressly declare this in writing.
4. The customer is entitled to resell the delivered items. However he hereby assigns all claims to us which he acquires against the buyer or third parties from the resale no matter whether the reserved goods are resold without or after processing. The assignment comprises all claims with all secondary and security rights including bills of exchange and cheques. If reserved goods are sold together with other items at a total price the assignment shall be limited to the pro rata amount from our invoice for the co-sold reserved goods. If goods are sold in which we have a co-ownership share according to the above rules then the assignment is limited to that part of the claim, which corresponds with the co-ownership share of the goods delivered by us. If the customer uses the reserved goods for finishing items which are the property of a third party against payment he hereby assigns in advance his remuneration claim against the third party to us for the afore-mentioned security purpose. As long as the customer meets his payment obligations in time he is entitled to claims from a resale or a finishing process himself. He is not entitled to pledges of any assignments whatsoever.
5. If our claims appear at risk to us, then the customer must inform his buyers of the assignment upon request and provide us with all necessary information and documents. The customer must inform us immediately of any claims of third parties to the reserved goods and assigned claims.
6. If the value of the collateral to which we are entitled exceeds our claims which are to be secured against the customer by more than 20 % then we are, upon request of the customer, obliged to release collateral items. The collateral item to be released shall be chosen by us.

§ 9 Trademarks
1. It is not permitted to offer or deliver substitute products instead of our products with reference to these products nor to use the word „substitute" in connection with our product designations no matter whether protected or not, in price lists and similar documentation nor to compare these with the designations of substitute products.
2. It is further not permitted when using our products for manufacturing purposes or further processing, to use our product designations, in particular our trademarks, on such goods or their packaging or in printed format and advertising material without our prior consent – in particular as a specification of a part. The delivery of products under a trademark is not to be classed as consent for the use of this trademark for the products produced from these.

§ 10 Place of performance and jurisdiction; applicable law; validity clause
1. The place of performance for the delivery is the respective shipment department, the place for payment is Hanover.
2. The place of jurisdiction for both parties is Hanover. We are also entitled to make our claims at the general place of jurisdiction of the customer.
3. German law shall apply exclusively. Customary trade terms are to be interpreted according to the respective applicable Incoterms. If agreed that we shall bear customs and import duties of the country of destination any increases in such duties which come into force between the submission of the order confirmation and delivery of the goods shall be for the account of the customer. All other fees, taxes and costs associated with the purchase contract shall also be borne by the customer.
4. Should individual clauses of these terms and conditions be invalid in whole or in part this shall have no effect on the validity of the other clauses or the other parts of such clauses. The parties must replace an invalid clause with a clause that, as far as possible, corresponds to the commercial intention of the invalid clause and is valid.

§ 11 Data protection
According to § 26 Par. 1 BDSG [Data Protection Act] we point out that we store personal data, of which we are made aware of during the contract.

§ 12 International purchase contracts
Insofar as the buyer is registered outside Germany German law shall apply exclusively under the inclusion of the CISG. In this case the following special terms shall apply notwithstanding the afore-mentioned sales terms:
1. Contract amendments or cancellations must be made in writing. This shall also apply to agreements with regard to the cancellation of this written form clause.
2. We shall be liable to the buyer for damages according to the statutory provisions, insofar as a breach of contract is due to wilful or gross negligent breach of duty for which we are responsible; or a fault of our representatives or vicarious agents shall be attributed to us. We shall also be liable according to the statutory provisions insofar as we breach an essential contractual duty.
3. In the event of delivery of goods in breach of the contract the buyer shall only be entitled to cancel the contract or to substitute delivery if claims for damages against us are excluded or it is not deemed reasonable for the buyer to use the goods which are in breach of the contract and claim for remaining damages. In these cases we are initially entitled to remedy the defect. If the remedy of the defect fails and/or it leads to an unreasonable delay the buyer is entitled, at his choice, to declare the contract null and void or demand substitute delivery. The buyer is also entitled to do this if the remedy of the defects causes unreasonable inconvenience or there is uncertainty about the reimbursement of possible expenses of the buyer. The remedy of the defect shall be deemed as failed after the second unsuccessful attempt.
4. Responses of the customer to an offer from us which assume an acceptance, however contain supplements or deviations, always represent a rejection of our offer associated with a new offer of the buyer, even if the supplements or deviations do not essentially change the conditions of the offer.
5. We do not guarantee that the goods delivered by us comply with the standards and laws at the location, at which the goods delivered by us are used or where they are resold unless it concerns international standards, i.e. in particular possible ISO Standard which apply to the goods or the buyer has informed us of the standards or other applicable regulations before conclusion of the contract and we have expressly confirmed their compliance. The technical compatibility of the goods delivered by us with tools and machines of the buyer or his buyers is the responsibility of the buyer unless we have expressly confirmed this.
6. The interest for arrears is 8 percentage points above the base lending rate according to § 247 BGB in the respective version.
7. If we have to repay the purchase price this shall bear interest according to Art. 84 Par. 1 CISG at the statutory interest rate according to § 246 BGB [Civil Code], should we be in arrears the interest rate valid on the day when arrears commenced will apply.
8. Notwithstanding Art. 90 CISG contracts made under the law of other countries are not valid.

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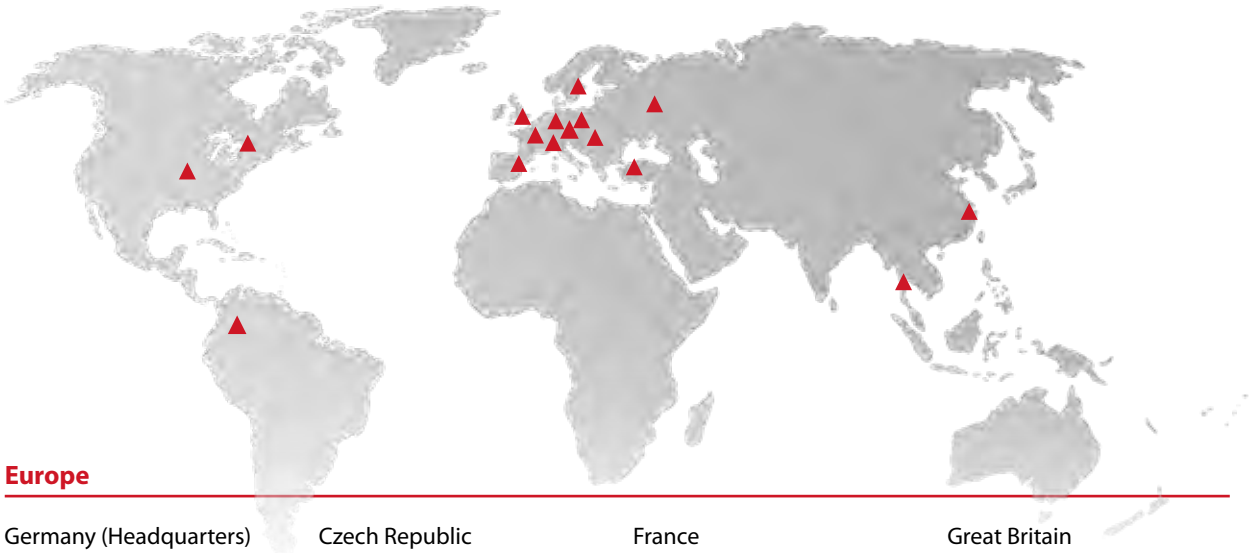

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