

DIAMOND TOOLS

Stone Industry

Issued June 2020

A HISTORY OF INNOVATION



KGS DIAMOND, with its headquarters in Switzerland, is a world leading abrasives innovation company since 1952.

KGS not only patents its newest inventions and innovations on a regular basis but also controls unique and automated, proprietary production technologies, which guarantee an attractive cost base giving us the ability to compete with any manufacturer globally.

Further benefits of these abilities are a high reliability and reproducibility of our products. All this translates into "Swiss Diamond Technology®".

Our values are our commitment to you with state of the art products and services, reliability and accountability.

I personally stand by our commitment, so do not hesitate to contact me for comments and suggestions at office-sf@kgs.swiss

Yours sincerely,

Sandro Ferronato
President & CEO



KGS DIAMOND, a technology driven company

The history of **KGS DIAMOND** starts in **1952** when Natale Ferronato founds a company near Zürich, Switzerland, producing cold bonded quality abrasives, mainly for grinding and polishing applications: Natale Ferronato & Co. In the next years the production activities expand with the introduction of sintering production methods.



In **1970** Natale Ferronato passes the management responsibility to his wife Maryse Ferronato, who is succeeded in **1980** by Sandro Ferronato, today's President and CEO. In **1985** the company is renamed to **KGS DIAMOND**. In the next years a strong international development starts and the company opens sales offices around the world and acquires new production facilities.

KGS is a globally active company – with Swiss roots. In order to be close to our customers we have a global sales and distribution network with **20 companies** in 15 countries in Europe, North America, Middle East, and Asia providing engineered solutions for hard to grind & brittle materials in aerospace, glass, porcelain, electronics, automotive, construction, stone and floor related markets. **6 manufacturing sites** – located in Switzerland, The Netherlands, Hungary, Portugal, India and the United Arab Emirates – providing a wide range of diamond tools, flexible diamond abrasives and premium coated abrasives.

Content guide

Find the right product for your application

Product group	Application	Page
Saw blades	For CNC and bridge saw machines	Page 13
	For power cutters	Page 16
	For masonry saws	Page 23
	For wall saws	Page 25
Cutting discs	For angle grinders	Page 26
CNC tools	CNC machines	Page 38
Polishing discs	Edge polishing machines	Page 48
Drills	CNC drill	Page 51
	Core drills	Page 52
	Socket Outlet Drill Bits	Page 54
	Concrete drills	Page 55
	Ceramic Drills	Page 56
Grinding & polishing discs	Flap Discs	Page 61
	Calibration discs	Page 64
	Cup wheels	Page 66
	Dry polishing discs	Page 70
	Wet & dry polishing discs	Page 78
	Wet polishing discs	Page 82

KGS Saw Blades - p. 12

Sawing of granite on bridge saws
CNC sawing machines and table saws



KGS Speedline® MD High Speed Milling Tool - p. 41

High working speed compared with standard products, but with the same high life time as standard products.

KGS Speedline® Edge Diamond Polishing Discs - p. 49

High speed polishing



KGS Speedline® MP + and KGS Speedline® ORG SF - p. 87

Diamond polishing discs with snail fit connection.

KGS Telum® handpad - p.89

Ideal to always have within reach for small finishes, such as making a small bevel on ceramics, repairing scratches and polishing the side of a kitchen worktop



KGS FLEXIS® Floor pads - p.118

Ultimate solution on daily floor cleaning and polishing due to their unique technical properties. Increase your efficiency, reduce costs and make your work easier!



K25 Blue Stone Oil - p. 135

Impregnation with ingredients of natural oils, for a better protection and shine of belgian blue stone.



KGS K55 MS Polymer - p. 144,

Powerful elastic sealant and adhesive. Ideal for jobs where high elasticity between two different parts is required.

Manual polishing tools	Handpads	Page 89
	Sheets	Page 92
	Whetstones	Page 94
	Files	Page 96
Precise polishing	Triangle Pads	Page 99
	Spiral belts	Page 100
	Sculpturing Tips	Page 103
Finishing tools	Renovation & polishing pads	Page 105
	Frankfurt pads	Page 107
Floor polishing tools	For single head & planetary machine	Page 111
Floor cleaning tools	For daily floor cleaning and polishing	Page 116
Treatment and careproducts	Normal cleaners	Page 131
	Strong cleaners	Page 132
	Very strong cleaners	Page 133
	Floor cleaner	Page 133
	Protector	Page 135
	Water based impregnation	Page 136
	Solvent based impregnation	Page 137
	Universal cleaning set	Page 138
Adhesives	For gluing applications	Page 142
Hand-held machines	Electric and pneumatic machines	Page 154
Accessories	Range accessories and spare parts for grinding and polishing	Page 160





Dear customer, partner

In this catalogue you will find a wide range of diamond tools for the natural stone industry with the necessary accessories, as well as an extensive maintenance and chemical range with the necessary accessories. In addition to our own team of specialists, we have made use of you as a partner to put together a complete product range.

The natural stone market is becoming increasingly connected with the construction and tile market. In order to offer this contemporary market a complete range of products, various products for construction professionals and tilers have also been included in the range in addition to products for natural stone.

If you are looking for diamond tools for sanding or polishing (both manually or with machines), we offer you a complete range. From tools for angle grinders to complex CNC machines and bridge saws. In order to get the most out of the tool, we offer you various adapters and back-up pads. You will also find a number of electric and pneumatic machines in our range.

In recent years, we have spent a lot of time with our customers developing an innovative range of adhesives and maintenance products for the natural stone industry. Whether it's the underbonding of kitchen worktops or the impregnation and daily maintenance of the kitchen worktop, you can count on us as your partner.

KGS DIAMOND operates worldwide with many products in various markets; therefore, it is not possible to present all products in this catalogue. If you have specific wishes or questions, please contact us and we will be happy to advise you!

With kind regards,
KGS DIAMOND team

Grits

Diamond consists of pure carbon in a crystalline structure. For grinding tools, the diamonds used are generally synthetic, produced at very high temperatures under high pressure. The grit size data for diamond is based upon the average grit diameter in microns. A coarse grit size increases stock removal and surface roughness of the workpiece. Choosing the right grit size depends on various factors: the application, the material, the tool drive, wet (water, lubricant) or dry grinding (general rule use wet).

All grits are colour coded

From very coarse to very fine



Grits and appearances of surfaces

Grit	Description	Application	Surface appearance
30	Extreme coarse grit	Extreme heavy grinding and calibration	Stone colour and texture not recognizable
50	Coarse grit	Heavy grinding	Distinct grinding and sawing streaks, stone colour and texture almost unrecognizable
60	Coarse grit	Grinding	Significant abrasive streaks, colour and texture barely recognizable
120	Medium grit	Smoothing	Visible abrasive streaks, pale colours, texture recognizable, abrasive traces visible in streaks
200	Fine grit	Smoothing	Colours and textures recognizable, abrasive streaks can be visible
400	Polishing grit	Semi-polish	Semi-gloss, colour very recognizable, abrasive streaks may still be visible
500	Polishing grit	Dependent on material	Semi-gloss, recognizable polish, abrasive streaks barely visible
800	Polishing grit	Dependent on material	Recognizable polish, abrasive streaks barely visible
1500	Polishing grit	Dependent on material	Polish, no abrasive streaks, less glossy than the 3000 grit
3000	Polishing grit	Dependent on material	Polish, less glossy than the 10,000 grit
100000	Polishing grit	Dependent on material	Polish with deep luster



Pictogram legend

Technical specifications (all sizes in mm)

Machine type	Diameter	Dimension	Bore	Adapter
# Segments	Segment height	Segment width	Thickness	Speed
Useful length	Packing unit	Use dry	Use wet	

Suitable materials

Granite	Terrazzo	Engineered stone / Composite	
Concrete	Ceramic	Marble / Blue stone	Asphalt

Saw blades



KGS DIAMOND has a wide range of saws for bridge saws, half-panel saws and CNC saw machines. Whether you are cutting marble, composite, granite, or ceramics, there is a suitable saw for every material. In addition to the quality of a saw blade, the performance depends on the operator, machine, cooling and saw table. Our technical specialists will be happy to advise you on this. The natural stone market is becoming more and more interwoven in the construction market, which is why the range now includes diamond saws for wall saws, table saws, and cross-cut saws. If the saw blade of the size or materials you require is not included in the range, please let us know and one of our technical specialists will be able to advise you. If your saw blade needs to be fitted with transport holes, please let us know.

SAW BLADES FOR CNC AND BRIDGE SAW MACHINES

KGS Saw Blades Granite / Engineered stone

Sawing of granite and engineered stone on bridge saws, CNC saws or table saws.



GOLD LINE



SILVER LINE

GOLD LINE

Ø	⊙	Rec.	⌚	THK $\frac{1}{4}$	Segm. size	➤	Art. no.	Price
300	60	2100 rpm	1.8	40*15*3.0	21	28971	€189,-	
400	60	1500 rpm	2.5	40*15*3.8	28	20336	€259,-	
400	90	1500 rpm	2.5	40*15*3.8	28	31643	€275,-	
500	60	1200 rpm	2.8	40*15*3.8	36	20338	€399,-	
600	60	1000 rpm	3.5	37*17*4.5	42	20332	€420,-	

SILVER LINE

Ø	⊙	Rec.	⌚	THK $\frac{1}{4}$	Segm. size	➤	Art. no.	Price
300	60	2100 rpm	1.8	40*10*3.2	21	20312	€147,-	
400	60	1500 rpm	2.5	40*10*3.4	26	20358	€189,-	
400	60	1500 rpm	2.5	40*15*3.4	26	20313	€189,-	
500	60	1200 rpm	2.8	37*17*3.8	36	20331	€290,-	

■ CNC & bridge saw machines ⌚ Use wet ➤ 1 pcs.



KGS Mitre Saw

GOLD LINE

Benefits

- ✓ Perfect performance on mitre saws
- ✓ Suitable for granite and engineered stone

Product specifications

Ø	⊙	Rec.	⌚	THK $\frac{1}{4}$	Segm. size	➤	Art. no.	Price
300	30	2000 rpm	1.8	40*10*3.0	21		30075	€ 169,-
300	60	2000 rpm	1.8	40*10*3.0	21		20353	€ 169,-

■ CNC & bridge saw machines Ⓢ Use wet 📦 1 pcs.

G E



KGS Mitre Saw Continuous Rim

SILVER LINE

Benefits

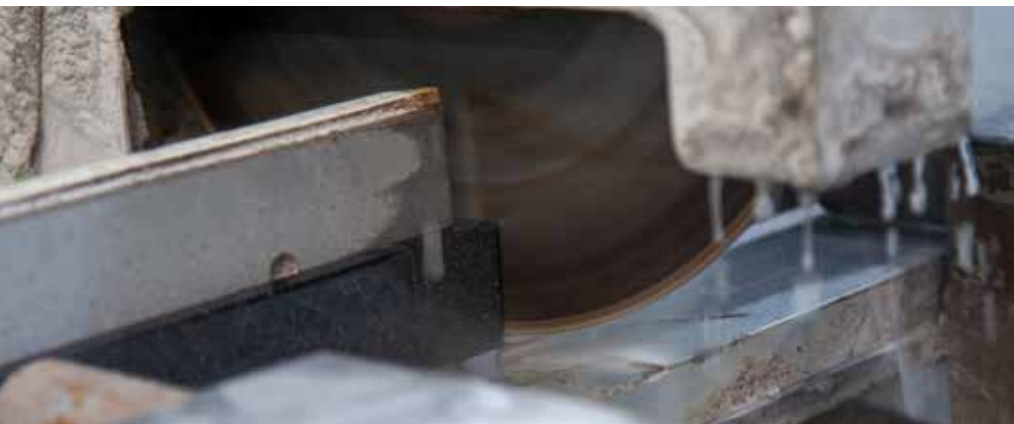
- ✓ Continuous rim to prevent chipping
- ✓ Fast cutting

Product specifications

Ø	⊙	Rec.	⌚	THK $\frac{1}{4}$	Segm. size	➤	Art. no.	Price
350	30	1800 rpm	2.3	42.5*9*3.5	25		18178	€ 349,-

■ CNC & bridge saw machines Ⓢ Use wet 📦 1 pcs.

G E



KGS Saw Blade Marble / Bluestone

GOLD LINE

Benefits

- ✓ Excellent price performance ratio
- ✓ Suitable for marble and blue stone

Product specifications

Ø	⊗	Rec.	⌚	THK †	Segm. size	➤	Art. no.	Price
400	60	2400 rpm	2.5	40*10*3.6	28	29236	€ 209,-	
500	60	1900 rpm	2.8	48*10*3.6	30	30086	€ 369,-	
600	60	1600 rpm	3.5	40*10*5.0	42	20344	€ 480,-	

■ CNC & bridge saw machines ⌚ Use wet ➤ 1 pcs.



KGS Saw Blade for Ceramics

SILVER LINE

Sawing of ceramic on a bridge saw and CNC machines, 90° (degree) sawing. With 1 mm slots. High quality diamond saw blades with great price-performance ratio.

Technical specifications

- ✓ Feed 0.5-1.5 m/min
- ✓ Cutting speed 1'630 rpm

Product specifications

Ø	⊗	Rec.	⌚	THK †	Segm. size	➤	Art. no.	Price
350	60	1630 rpm	2.2	40*10*3	25	20340	€ 195,-	

■ CNC & bridge saw machines ⌚ Use wet ➤ 1 pcs.



SAW BLADES FOR POWER CUTTERS

KGS RED™ Diamond blades for power cutters. The saw blades are available in the following diameters: 300, 350, 400 and 450 mm. Used wet or dry, the blades are sawing most hard materials such as concrete, pavers, bricks and roof tiles.

The saw blades are suitable for the most common power cutters such as Husqvarna, Dolmar, Stihl, Wacker, and Makita.



KGS RED™ K201

SILVER LINE

Segmented - Laser welded.

Best for: Concrete, pavers, brick, roof tile

Benefits

- ✓ 10 mm high laser welded segments
- ✓ Stable cutting
- ✓ Good lifetime








Ø400 x 20




Ø350 x 25.4

Product specifications






⊗ 20 mm bore

Ø	Max. 	THK 	 		Art. no.	Price
300	6360 rpm	3.0	10	20	19562	€ 99,-
350	5460 rpm	3.2	10	23	19563	€ 119,-
400	4775 rpm	3.2	10	28	19564	€ 169,-

⊗ 25.4 mm bore

Ø	Max. 	THK 	 		Art. no.	Price
450	4775 rpm	3.2	10	32	19565	€ 199,-

⊗ With bore bushings for shaft sizes 30, 25.4 & 20 mm

Ø	Max. 	THK 	 		Art. no.	Price
300	6360 rpm	3.0	10	20	19581	€ 99,-
350	5460 rpm	3.2	10	23	19582	€ 119,-

■ Power cutters   Use wet or dry  1 pcs.



KGS RED™ K401 SILVER LINE

Segmented - Wear resistant.

Best for: Asphalt





Benefits

- ✔ Powerful blade to cut asphalt
- ✔ Excellent price-performance ratio
- ✔ Special segments to prevent undercutting and to protect the braze area and the steel



Product specifications

⊙ 20 mm bore

∅	Max. 	THK $\frac{1}{4}$ 	 ↓ 	Art. no.	Price
300	6360 rpm	2.8	10 18	19571	€ 139,-
350	5460 rpm	3.0	10 21	19572	€ 159,-
400	4775 rpm	3.2	10 24	19573	€ 209,-

⊙ 25.4 mm bore

∅	Max. 	THK $\frac{1}{4}$ 	 ↓ 	Art. no.	Price
450	4250 rpm	3.2	10 27	19574	€ 239,-

■ Power cutters   Use wet or dry  1 pcs.

A





KGS RED™ K601 STANDARD

Segmented - Turbo segments

Best for: Concrete, pavers, brick, roof tile

Benefits

- ✓ 10 mm high turbo segments
- ✓ Fast and precise cut
- ✓ Long lifetime



Product specifications

⊙ 20 mm bore

Ø	Max. ω	THK $\frac{1}{4}$	📏	📏	Art. no.	Price
300	6360 rpm	3.0	10	20	29508	€ 79,-
350	5460 rpm	3.2	10	23	29801	€ 99,-

⊙ 25.4 mm bore

Ø	Max. ω	THK $\frac{1}{4}$	📏	📏	Art. no.	Price
350	5460 rpm	3.2	10	23	19576	€ 99,-

■ Power cutters 🌊🌬️ Use wet or dry 📦 1 pcs.



KGS RED™ K801

GOLD LINE

Segmented - 15mm high.

Best for: concrete, pavers,
brick, roof tile.

Benefits

- ✓ 15mm high turbo segments
- ✓ Sawing even faster and more precisely
- ✓ Extremely long life
- ✓ Supreme quality



Product specifications

⊙ 20 mm bore

∅	Max. 	THK $\frac{1}{4}$			Art. no.	Price
300	6360 rpm	3.2	15	19	19577	€ 159,-
350	5460 rpm	3.2	15	22	19578	€ 179,-
400	4775 rpm	3.2	15	24	31442	€ 229,-

⊙ 25.4 mm bore

∅	Max. 	THK $\frac{1}{4}$			Art. no.	Price
350	5460 rpm	3.2	15	22	28093	€ 179,-

■ Power cutters  Use wet or dry  1 pcs.









SAW BLADES FOR MASONRY SAWS

KGS RED™ K105 - Table and Mitre Saw SILVER LINE

Laser welded - Reduced noise. Diamond saws for table and crosscut saws. Suitable for sawing of hard materials such as concrete, pavers, bricks and roof tiles.

Benefits

- ✓ Designed for table and crosscut saws
- ✓ Fast and precise cutting
- ✓ Excellent price-performance ratio
- ✓ Special steel body for reduced noise

Product specifications

Ø 300 Ⓜ 15.87 Max. 6360 rpm THK+ 2.4 ⬇️⬆️⬇️ 10 23 Art. no. 27358 Price € 159,-

■ Table and crosscut saws Ⓜ Use wet 📦 1 pcs.



KGS RED™ K309

SILVER LINE

Turbo Rim - Clean cut. Best for: Granite, engineered stone, ceramic, porcelain and terrazzo.

Benefits

- ✓ Suitable for most types of tile sawing machines
- ✓ Excellent lifetime
- ✓ Extra cooling holes
- ✓ Thin and precise cut

Product specifications

⊙ 25.4 mm bore

Ø	Max. ⚙	THK $\frac{1}{8}$	⦿ ↓	Art. no.	Price
180	8500 rpm	1.4	7	34429	€ 49,-
200	7600 rpm	1.6	7	34430	€ 59,-
230	6600 rpm	1.6	7	34431	€ 69,-
250	6100 rpm	1.6	7	39832	€ 89,-
300	6400 rpm	2.2	7	39833	€ 129,-
350	5400 rpm	2.2	7	39835	€ 149,-

■ Tile saw ⦿ Use wet

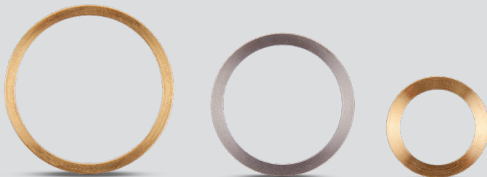
G T E Cer M



KGS Bore Bushings

KGS Bore Bushings can be used to reduce the shaft hole of a saw blade depending on the size required for the machine.

Ø	22 / 20	25.4 / 15.87	25.4 / 20	25.4 / 22.2	30 / 22.2	60 / 25.4	60 / 30	60 / 50	60 / 50
Art. no.	21572	32901	21194	33298	33299	21381	24957	18713	26323
Price	€ 4,-	€ 4,-	€ 4,-	€ 4,-	€ 4,-	€ 7,-	€ 7,-	€ 7,-	€ 7,-



SAW BLADES FOR WALL SAWS

KGS RED™ K207 Diamond saw, available in diameter 300 and 350 mm. This saw blade is suitable for both wet and dry sawing of hard materials such as concrete, clinker stones, bricks and roof tiles.

KGS RED™ K207

GOLD LINE

Laser welded - Duo segments. Perfect for cutting recesses in brick or concrete walls. Available in Ø300 and Ø350 with matching shaft holes.

Benefits

- ✓ Designed for wall saws and cross cut saws
- ✓ 2.4 thickness for faster cutting
- ✓ Long lifetime
- ✓ Duo segments for better performance, cooling and material removal



Product specifications

⊙ 15.87 mm bore

Ø	Max. ω	THK $\frac{1}{4}$	⬇️↑	⬆️	Art. no.	Price
300	6360 rpm	2.4	10	36	27358	€ 119,-
350	5460 rpm	2.4	10	42	27359	€ 139,-

⊙ 25.4 mm bore

Ø	Max. ω	THK $\frac{1}{4}$	⬇️↑	⬆️	Art. no.	Price
350	5460 rpm	2.4	10	42	30456	€ 139,-

■ Wall saw ⚙️ Use wet or dry 📦 1 pcs.



Cutting discs



KGS Diamond cutting discs, sintered and electroplated, for dry use. Suitable for sawing, calibrating, and planing. The range cutting discs is in line with the latest trends in the natural stone, building, construction and tile market.

Most cutting discs are available in a variant with a M14 connection for reaching corners and quick changing. As an extension of the range the KGS RED™ K840, a diamond cutting discs with a very thin 1.1 mm cut, is available. You can use KGS RED™ K898 and KGS RED™ K878 for forming, calibrating, and planing.

KGS Swiflex® Cobra 2.0 should not be missing from your equipment kit. It is the ideal tool! Suitable for sanding, cutting, and calibrating and now completely renewed for even better performance.

KGS RED™ K810 Diamond Cutting Disc **GOLD LINE**

Quick and clean cut thanks a continuous rim with turbo profile. Diamond cutting disc with corrugated steel core, cooling holes and deep lateral protection segments. The protection segments permit a better free cut and less disc wear.

KGS RED™ K810 is available with bore 22.23 and M14 flange.
The M14 flange provides disc stability, flush cutting and quick change.

Benefits

- ✓ Universal disc
- ✓ Ribs on steel core for more stability
- ✓ Side spokes to prevent undercutting
- ✓ Long lifetime

Product specifications

⊙ 22.23

∅	Max. 	THK 	 ↓	Art. no.	Price
115	13300 rpm	2.2	7	19384	€ 29,-
125	12200 rpm	2.2	7	19385	€ 32, ⁵⁰
150	10200 rpm	2.2	7	19387	€ 49,-
230	6650 rpm	2.8	8	19388	€ 79,-



←> M14

∅	Max. 	THK 	 ↓	Art. no.	Price
115	13300 rpm	2.2	7	19422	€ 32, ⁵⁰
125	12200 rpm	2.2	7	19423	€ 36,-
230	6650 rpm	2.8	8	19424	€ 85,-



■ Angle grinder  Use wet or dry  1 pcs.

G T E C M

KGS RED™ K822 SILVER LINE

Segmented - Laser welded

Best for: Concrete, pavers, bricks, roof tiles, granite, composite and lime bricks

Benefits

- ✓ Fast and aggressive blade
- ✓ Open segments to take dust and mud away
- ✓ Universal blade in the construction industry

Product specifications

⊙ 22.23 mm bore

Ø	Max. 	THK 	 ↓	Art. no.	Price
115	13300 rpm	2.5	10	19389	€ 24, ⁵⁰
125	12200 rpm	2.5	10	19390	€ 30,-
230	6650 rpm	2.8	12	19392	€ 59,-

■ Angle grinder  Use dry

G E C



KGS RED™ K825

GOLD LINE

Segmented - Tuck pointing blades

Best for: Concrete, Pavers, bricks, roof tiles, granite, composite, sand-lime bricks, marble, aerated concrete, plaster




Benefits


- ✓ Grooving disc for mortar joints
- ✓ Thick blade (6,35 mm)
- ✓ Extra vertical slots to prevent undercutting



Product specifications

⊗ 22.23 mm bore

Ø	Max. 	THK 	 ↓	Art. no.	Price
115	13300 rpm	6.35	7	19410	€ 79,-
125	12200 rpm	6.35	7	19411	€ 98,-

Angle grinder  Use dry

G E C M



KGS RED™ K845 Diamond Cutting Disc **GOLD LINE**

Aggressive diamond cutting disc. Continuous rim with turbo profile ensures a clean cut. The KGS RED™ K845 is best for granite and engineered stone.

The KGS RED™ K845 is available with bore 22.23 and M14 flange. The M14 flange provides disc stability and quick change.

Benefits

- ✓ Extra cooling holes
- ✓ Regular and stable cut
- ✓ Continuous rim
- ✓ Aggressive disc

Product specifications

⊗ 22.23

∅	Max. 	THK $\frac{1}{16}$	 ↓	Art. no.	Price
115	13300 rpm	2.5	10	19397	€ 25,-
125	12200 rpm	2.5	10	19398	€ 27, ⁵⁰
230	6650 rpm	2.8	12	19401	€ 56,-



< > M14

∅	Max. 	THK $\frac{1}{16}$	 ↓	Art. no.	Price
115	13300 rpm	2.5	10	19425	€ 32, ⁵⁰
125	12200 rpm	2.5	10	19426	€ 35,-
230	6650 rpm	2.8	12	19427	€ 64,-



■ Angle grinder  Use dry  1 pcs.

G E

KGS RED™ K835 Diamond Cutting Disc **GOLD LINE**

Diamond cutting disc for dry cutting of hard stone, soft stone, ceramic, and engineered stone. Used in the “(kitchen) counter top” industry on ceramic materials.

The KGS RED™ K835 is also available with M14 flange for disc stability and quick change. Reinforced flange permits quiet, low-vibration and excellent cutting results.

Benefits

- ✓ Powerful and clean cut
- ✓ Continuous rim for a thin, precise and accurate cut
- ✓ 10 mm height, very long service life
- ✓ Used on ceramic materials




Product specifications

⊗ 22.23

Ø	Max. 	THK $\frac{1}{4}$ 	 ↓	Art. no.	Price
115	13300 rpm	1.4	10	19406	€ 27, ⁵⁰
125	12200 rpm	1.4	10	19407	€ 30,-
230	6600 rpm	1.8	10	34428	€ 89,-



↔ M14

Ø	Max. 	THK $\frac{1}{4}$ 	 ↓	Art. no.	Price
115	13300 rpm	1.4	10	19428	€ 32, ⁵⁰

■ Angle grinder  Use dry  1 pcs.



*KGS RED™ K835 is officially accredited to cut Dekton®



KGS RED™ K840

GOLD LINE

Diamond cutting disc, continuous rim with very narrow space between the segments. Ultra-thin 1.1 mm cut and no breakage of material. Best for: ceramic, porcelain and engineered stone.

Benefits

- ✓ Ultra-thin 1.1 mm cut
- ✓ Fast cutting and no breakage of material
- ✓ Extra cooling holes
- ✓ Excellent on ceramic materials

Product specifications

⊙ 22.23 mm bore

∅	Max. ⚙	THK $\frac{1}{4}$	⬇️	Art. no.	Price
125	12200 rpm	1.1	10	29574	€ 42,-

■ Angle grinder ⚙ Use dry 📦 1 pcs.



KGS RED™ K818

SILVER LINE

Universal diamond cutting disc, especially suitable for dense materials such as ceramic, engineered stone, and granite. Turbo profile permits fast and clean cutting.

Benefits

- ✓ Thin and precise cut
- ✓ Used in kitchen counter top industry
- ✓ Excellent lifetime
- ✓ Extra cooling holes

Product specifications

⊙ 22.23 mm bore

Ø	Max. 	THK $\frac{1}{4}$	 ↓	Art. no.	Price
115	13300 rpm	1.4	7	19402	€ 25,-
125	12200 rpm	1.4	7	19403	€ 27, ⁵⁰

■ Angle grinder  Use dry  1 pcs.

G T E C C_{ER} M



KGS RED™ K828

SILVER LINE

Continuous rim - Clean cut
Excellent for ceramic and porcelain.

Benefits

- ✓ Thin and precise cut
- ✓ Excellent lifetime
- ✓ Very common for tiles

Product specifications

⊙ 22.23 mm bore

Ø	Max. 	THK $\frac{1}{4}$	 ↓	Art. no.	Price
115	13300 rpm	1.5	7.5	19430	€ 20,-
125	12200 rpm	1.5	7.5	19431	€ 25,-

■ Angle grinder  Use dry  1 pcs.

C_{ER}



KGS RED™ K936 **GOLD LINE**

Unique high-tech electroplated diamond cutting disc. Excellent for cutting soft stones such as marble, limestone, and sandstone.

Benefits

- ✓ Very quick and precise cutting
- ✓ Electroplated segments with lateral protection segments for precise and optimal free cutting without breakage of material
- ✓ Comfortable, safe, and simple cutting
- ✓ Long service life and high performance guarantee highest economic efficiency

Product specifications



Ⓜ 22.23

Ø	Max. 			Art. no.	Price
115	13300 rpm	3	2.5	18172	€ 32, ⁷²
125	12200 rpm	3	2.5	18173	€ 32, ⁸⁶
180	8500 rpm	4	2.75	18174	€ 55, ⁵⁵
230	6650 rpm	4	2.75	18175	€ 67, ⁶²

↔ M14

Ø	Max. 			Art. no.	Price
125	12200 rpm	3	2.5	29493	€ 37, ³⁵



■ Angle grinder  Use dry
 1 pcs.



KGS RED™ K935 **SILVER LINE**

High-tech electroplated diamond cutting disc. Excellent for cutting soft stones such as marble, limestone, and sandstone.

Benefits



- ✓ Quick and exact cutting
- ✓ Comfortable and safe cutting
- ✓ Easy to handle and long service life

Product specifications

Ⓜ 22.23

Ø	Max. 			Art. no.	Price
115	13300 rpm	3	2.5	18169	€ 26, ⁷⁹
125	12200 rpm	3	2.5	18170	€ 27, ²⁹
180	8500 rpm	4	2.75	18171	€ 36, ³⁵
230	6650 rpm	4	2.75	28495	€ 47, ⁴⁷



■ Angle grinder  Use dry
 1 pcs.





RED



EN 13236
Max. 12250 RPM

KGS

RED BY KGS DIAMOND
TUTTLERHARD
www.kgsdiamond.com

K936

Min. 1000 RPM

Mortar - Plaster
Asphalt Concrete

Ø125*2223

KGS Swiflex® Cobra

KGS Swiflex® Cobra cutting and grinding discs feature an **unique KGS design**. The perfect tool for every stone , construction and tile worker.

Robust combination blade for both cutting and grinding. Cuts and grinds on both sides at the same time (double sided version). Very suitable for chamfering, edging, surface grinding, deburring, grinding of flat surfaces, cutting of joints, grinding and removal of coatings, and modification of general building material.


Benefits

- ✓ Very quick cutting and grinding in one step
- ✓ Very fine cut with a smooth, high-quality finish
- ✓ Universally versatile, can handle anything
- ✓ Saw cuts provide a roughness that corresponds approximately to a 60 grit



GOLD LINE


Electroplated on both sides

Ø	Max. 	Art. no.	Price
115	13300 rpm	17696	€ 45,-
125	12200 rpm	17697	€ 49,-
230	6650 rpm	17699	€ 111,-




SILVER LINE

Electroplated on one side

Ø	Max. 	Art. no.	Price
115	13300 rpm	17693	€ 41,-
125	12200 rpm	17692	€ 44,-
230	6650 rpm	17695	€ 92,-



■ Angle grinders  Use dry  M14  1 pcs.

G T E C C_{ER} M



CNC tools



Production speed and diversity of materials are becoming increasingly important in the field of CNC tools. Together with our customers, we have developed a number of unique products that meet these requirements. For example, the KGS Speedline® MD Ø18, the ideal milling tool that minimises chipping and the load on the machine. This milling tool is very suitable for a small radius. The process speed can be brought to the maximum with the red KGS Speedline® MD high speed. There is also the KGS Speedline® RT milling tool, available in four variants for different types of granite, composite, and ceramic.

Achieving maximum output does not only depend on the end milling. All parameters, such as machine, vacuum, material, must be perfectly adjusted to each other. Our technical specialists will be happy to advise you on this matter.

KGS Speedline® MD

GOLD LINE

Versatile end mill, the standard in the market thanks to its special configuration. KGS end mills are suitable for a wide range of materials and modern CNC machines. The finish is very smooth, which saves time when the inside of a sink, for example, needs to be polished.

KGS Speedline® MD Milling Tool Ø18x50

KGS end mill with a diameter of 18 has a small radius, which means that the CNC machine needs less tension and smaller corners can be made. The body of the end mill is additionally reinforced so that the cutter is resistant to the high torsion forces during the milling process



Benefits

- ✓ Versatile and universal
- ✓ Very smooth finish, saves time in the next steps
- ✓ Ø18 ideal for making small corners

Product specifications

Ø	Colour	Rec.	↻	Feed	Art. no.	Price
18 x 50	Black	5'500 rpm		120 mm/min	18297	€ 110,-
23 x 50	Grey	8'000 rpm		550 mm/min	18305	€ 119,-
23 x 40	Black	6'500-9'500 rpm		400-500 mm/min	18248	€ 119,-
23 x 50	Black	6'500-9'500 rpm		300-350 mm/min	18263	€ 119,-

■ CNC machine Ⓞ Use wet ↔ 1/2" R 📦 1 pcs.





KGS Speedline® MD High Speed GOLD LINE

This milling drill has been specially developed for the industrial stone fabricator who wants to achieve maximum speed and output. KGS Speedline® MD high speed milling drills allow maximum performance to be achieved. Thanks to the high throughput speed, kitchen worktops are quickly ready for the next step in the production process.

Benefits

- ✓ High speed working compared with same life time as standard products
- ✓ Works with and without oscillation
- ✓ High quality basic steel
- ✓ Well calibrated

Product specifications

Ø	Art. no.	Price
23 x 40	18270	€ 119,-
23 x 50	18272	€ 129,-



Feed rate

Feed rate 800 mm/min in 2 cm granite

Feed rate 700 mm/min in 3 cm composite

Feed rate up to 1000 mm/min in 12 mm slabs

■ CNC machine ⦿ Use wet ↔ 1/2"R

⌚ Rec. 9000 – 10000 rpm 📦 1 pcs.



Would you like advice on adjustment?
Consult one of our specialists.

KGS Speedline® RT GOLD LINE

KGS DIAMOND has developed a router with a special composition for each material to achieve maximum results. KGS Speedline® RT is available in four different variants (colours), for different materials.



G Yellow variant for soft granite



G Orange variant for hard granite



E Red variant for engineered stone



C_{ER} Black variant for ceramic

Benefits

- ✓ Superior sintered quality
- ✓ Special diamond for long lifetime
- ✓ Depth per run 0.25-1.00 mm
- ✓ Unique design with double V (Yellow and orange variant)

Product specifications

Colour	Art. no.	Price
Yellow	18273	€ 74,-
Orange	18281	€ 74,-
Red	18251	€ 74,-
Black	18280	€ 74,-

■ CNC machine Ⓢ Use wet

⌀ 20x20 ↔ M10

⌚ Rec. 7'200 rpm

Feed 200 to 500 mm/min

📦 1 pcs.

KGS Speedline® RT adapter

M10x½"R, useful length is 50 mm.

Art. no.	Price
34395	€ 69,-

📦 1 pcs.







KGS Calibration Wheel **GOLD LINE**

Our calibration wheels are excellent for planing slabs or calibrating the underside of a kitchen worktop. For best results, we recommend regularly sharpening the cutter.

Product specifications

Art. no. Price
18568 € 285,-

■ CNC machine ⚙ Use wet ⌀ 125 Ⓢ 50
⌚ Rec. 4000 rpm 📏 Feed 200 mm/min 📦 1 pcs.

G E M



Adapter for KGS Calibration Wheel

1/2"R, useful length is 47 mm.

Art. no. Price
20152 € 55,-

↔ 1/2"R 📦 1 pcs.



Adapter



Adapter + calibration wheel

KGS Flush Fit Cutter **GOLD LINE**

Specially developed for making a small radius in counter tops. Also suitable for other materials / applications, where a small radius is needed. Depth per run 0.8-1.00 mm.

Product specifications

Art. no. Price
34491 € 203,²⁸

■ CNC machine Ⓞ Use wet ∅ 10 / 5 x 10 <-> 1/2"R
📦 1 pcs. Feed 250-500 mm/min ⚙ Rec. 9'600 rpm



KGS CNC Saw Blade

GOLD LINE

KGS CNC saw blades are specifically designed for CNC machines such as Brembana, Omag, Thibaut and Prussiani. These saw blades can be used for making sink and cook top cut-outs.

The saw blades have 6 pinholes, with a diameter of 8 mm.

Benefits

- ✓ High speed 90 degree sawing
- ✓ Special body to saw 45 degrees
- ✓ Precise sawing



Product specifications

Art. no. Price

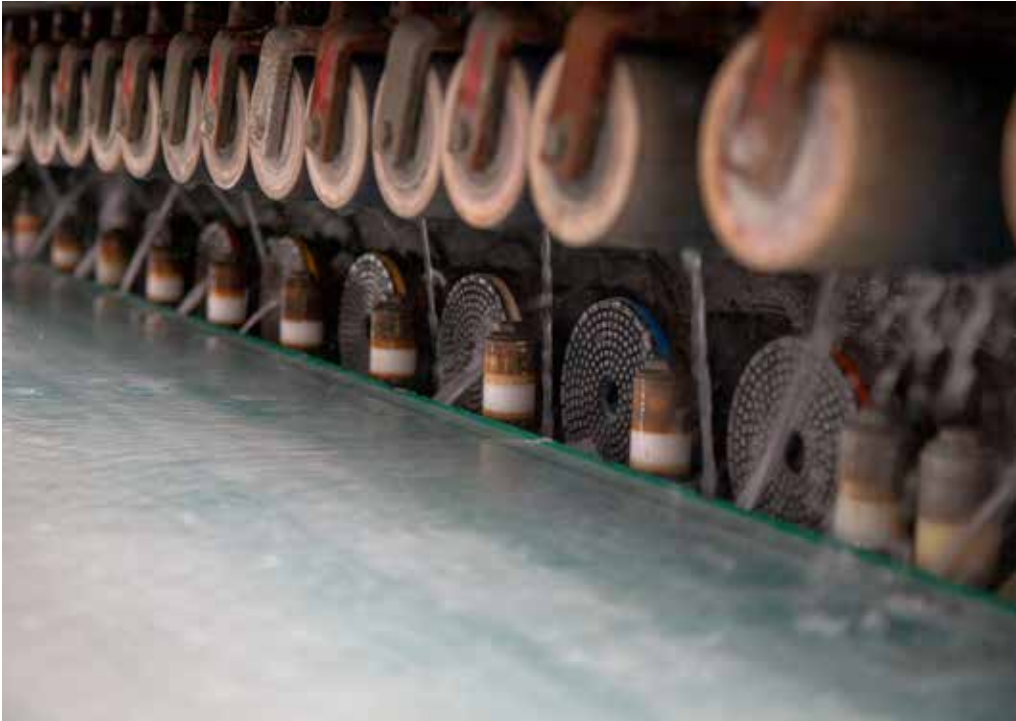
18159 €250,-

■ CNC machine ● Use wet Ø 210 / 50 x 12 x 3.2 📦 1 pcs.

Feed 1200 mm/min ⚙️ Rec. 3'200 rpm



Edge polishing discs



KGS DIAMOND has various discs for polishing edges with edge polishers, like the KGS Speedline® EGP, well-known for its great performance on granite and other materials. We recommend our KGS Speedline® BEV discs for polishing bevelled edges. The closed pattern and special bond ensure a smooth and even bevel.

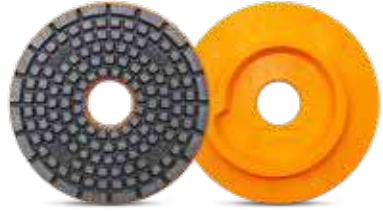
In addition to the tool, the machine and the material used are of great importance to achieve a perfect result. Our team of specialists will be happy to advise you on the right parameters and disc speed to ensure the tools perform at their best.

KGS Speedline® EGP Diamond Polishing Disc **GOLD LINE**

Special sintered edge polishing tool. Suitable for the most common edge polishers.

Benefits

- ✓ Unique design with reinforced edges
- ✓ Unique sintered product for very fast grinding and polishing on vertical machines



Product specifications

	60	120	200	400	800	1500	3000
Ø125	17978	17979	17980	17981	17982	17983	17984
	€ 96,-	€ 96,-	€ 85,-	€ 85,-	€ 85,-	€ 85,-	€ 85,-
Ø150	17987	17988	17989	17990	17991	17992	17993
	€ 119,-	€ 119,-	€ 109,-	€ 109,-	€ 109,-	€ 109,-	€ 109,-

■ Edge polishing machine Ⓢ Use wet Ⓢ 25 ⚡ SF (snail fit) 📦 1 pcs.

G E M

KGS Speedline® BEV Diamond Polishing Disc **GOLD LINE**

Special diamond discs for bevels, used on an edge polisher.

Benefits

- ✓ Optimum edging result
- ✓ Perfect grinding / polishing tool
- ✓ 10 mm extra thick backup pad



Product specifications

200	400	800
18050	18051	18052
€ 107,-	€ 107,-	€ 107,-

■ Edge polishing machine Ⓢ Use wet Ⓢ 130 Ⓢ 30 ⚡ SF (snail fit) 📦 1 pcs.

G E M

Drills



KGS DIAMOND has several drills in its range. CNC drills with a wall thickness of 1 mm for the quick drilling of holes. Ideal when a tap hole still needs to be drilled on site or in the production. For drilling a sink strainer there is the KGS Countersink Drill. The countersinking and the drill hole can be made in one operation. Robust core drills are particularly suitable for thick slabs and natural stone.

In addition, we offer a range of drills for use on new materials, such as ceramics, Dekton® and Lapitec®, both for wet and dry use. Should you unexpectedly have to install a wall socket during the installation of kitchens, bathrooms, or interiors, KGS DIAMOND offers you the KGS RED™ K870.

CNC DRILLS

KGS CNC Drill **GOLD LINE**

CNC drill with a wall thickness of 1 mm, allowing you to drill through the material at high speed. The drills are suitable for use on CNC machines, tripod drill machines, or in combination with the M14 adapter on an angle grinder. Ideal when a tap hole still needs to be drilled on site.

Benefits

- ✓ Strong quality
- ✓ Thin wall 1 mm construction
- ✓ Sharp edges
- ✓ Suitable for fast drilling

Product specifications

Ø	Art. no.	Price
10	19760	€ 41, ⁴⁰
12	19761	€ 43, ¹³
20	19763	€ 53, ⁴⁸
25	19765	€ 63, ⁸³
30	19766	€ 72, ⁴⁵
32	19767	€ 74, ¹⁸
35	19768	€ 81, ⁰⁸
40	19769	€ 91, ⁴³
50	19770	€ 108, ⁶⁸
70	19771	€ 156, ⁹⁸
100	19772	€ 219, ⁰⁸
105	19773	€ 247, ²⁵



■ CNC machine / with adapter on an angle grinder

⦿ Use wet ↔ ½"R 📦 1 pcs.

🕒 See speed conversion table page 169



KGS M14 adapter for CNC Drills

With this adapter you can also use the drill on a wet angle grinder with M14 connection.

Adapter M14 int. ½"R int.

Art. no. 21368 € 20,⁹⁰



CORE DRILLS

KGS Core Drills **GOLD LINE**

KGS core drills are suitable for CNC machines and conventional drilling machines. The drilling length is 100 mm. Drills with diameter 35 or smaller are with a crown and the drills with larger diameter are segmented.

Product specifications

Ø	Art. no.	Price
10	16973	€ 45,-
15	16974	€ 49,-
16	16976	€ 52,-
18	16977	€ 52,-
20	16978	€ 52,-
25	16979	€ 57,-
28	16980	€ 57,-
30	16981	€ 57,-
35	16982	€ 57,-
45	16983	€ 57,-
50	16984	€ 65,-
60	16985	€ 65,-
70	16986	€ 85,-
72	16987	€ 85,-
75	16988	€ 85,-
80	16989	€ 95,-
85	16990	€ 95,-
95	16991	€ 99,-



■ CNC machine and conventional drilling machine ⚙ Use wet ↶ ↷ ½"R 📦 1 pcs.
 ⚙ See speed conversion table page 169

G T E M



SOCKET OUTLET DRILL BITS

KGS RED™ K870

GOLD LINE

The KGS RED™ K870 drills can be used to install wall sockets. These drills are available in Ø68 and Ø82 mm. Both sizes are suitable for new machines with dust extraction from the rear.

Benefits

- ✓ Very aggressive due to diamond segment design
- ✓ Extremely fast
- ✓ Provided with holes at the back for dust extraction

Product specifications

Ø Art. no. Price

68 16964 € 59,-

82 16965 € 69,-

■ Angle grinders ⚙ Use dry ↔ M16 📦 1 pcs.

🔊 See speed conversion table page 169



Top view



Accessories

KGS RED™ K996

- ✓ Adapter SDS+
- ✓ Centering drill
- ✓ Pen driver



KGS RED™ K997

- ✓ Adapter six sides
- ✓ Centering drill
- ✓ Pen driver



Product specifications

Individual parts	Art. no.	Price	Sets	Art. no.	Price
Adapter SDS+	34442	€ 8,-	KGS RED™ K996	38216	€ 14, ⁹⁵
Adapter six sides	34439	€ 7,-	KGS RED™ K997	16968	€ 14, ⁹⁵
Pen driver	34440	€ 3,-			
Centering drill	34441	€ 6,-			

📦 1 pcs.

CONCRETE DRILLS

KGS RED™ K862

GOLD LINE

Segmented drills with 9 mm segment height. Best for: concrete, pavers, bricks, roof tiles. The drilling length is 400 mm.

Benefits

- ✓ Very aggressive due to diamond segment shape and position
- ✓ Extremely powerful
- ✓ Long lifetime when used wet

Product specifications

Ø	Art. no.	Price		Ø	Art. no.	Price
16	34446	€ 83,-	Crown	76	34453	€ 160,-
18	34447	€ 84,-		81	31112	€ 165,-
20	17001	€ 86,-		86	34454	€ 180,-
22	34448	€ 88,-		91	31499	€ 190,-
26	17002	€ 89,-		101	17006	€ 210,-
30	17008	€ 95,-		106	34455	€ 220,-
32	34449	€ 97,-		111	30481	€ 230,-
35	17003	€ 99,-		121	34456	€ 240,-
40	17004	€ 115,-		126	34457	€ 250,-
46	34450	€ 120,-		131	29604	€ 260,-
51	17009	€ 125,-	141	34458	€ 270,-	
56	34451	€ 130,-	151	28967	€ 280,-	
61	34452	€ 140,-	160	34459	€ 320,-	
66	17007	€ 150,-	180	34460	€ 350,-	
71	17005	€ 157,-	200	34461	€ 360,-	



■ Drilling machine ● Use wet ↔ 1/2"R 📦 1 pcs.

🔗 See speed conversion table page 169



Accessories

KGS RED™ K998 1/2" IW x 1 1/4 UW 16966 € 39,-

KGS RED™ K999 1/2" IW x M16 UW 16967 € 59,-

📦 1 pcs.



CERAMIC DRILLS

Quick and easy!

Powerful vacuum brazed drills, perfect for ceramic, also suitable for engineered stone and natural stone. The drills are provided with a wax inside to guarantee smooth drilling. They are available in Ø6, 8, 10 and 12 mm, the other larger sizes are provided with cooling holes.

Benefits

- ✓ For dry use
- ✓ Quick drilling
- ✓ Long lifetime

KGS RED™ K855 **GOLD LINE**

The drills have a M14 connection for use on an angle grinder.

Product specifications

Ø	↓	Art. no	Price	Ø	↓	Art. no	Price
6 x 10	35	30686	€ 16, ⁹⁰	43 x 10	40	34528	€ 59, ⁹⁰
8 x 10	35	30687	€ 17, ⁹⁰	45 x 10	40	34700	€ 61, ⁹⁰
10 x 10	35	30688	€ 18, ⁹⁰	50 x 10	40	34529	€ 62, ⁹⁰
12 x 10	35	31134	€ 19, ⁹⁰	55 x 10	40	31139	€ 64, ⁹⁰
20 x 10	40	30689	€ 29, ⁹⁰	68 x 10	40	30691	€ 74, ⁹⁰
27 x 10	40	31138	€ 39, ⁹⁰	72 x 10	45	30692	€ 79, ⁹⁰
35 x 10	40	30690	€ 49, ⁹⁰	100 x 10	45	30693	€ 99, ⁹⁰
38 x 10	40	34527	€ 53, ⁹⁰	105 x 10	45	30694	€ 109, ⁹⁰
40 x 10	40	34699	€ 56, ⁹⁰				

■ Angle grinders ⊗ Use dry < > M14 ⚙ 11000 📦 1 pcs.



Set of 4 KGS RED™ K855 drills

Ø6, 8, 10 & 12 mm




Art. no. 31354 Price € 69,⁹⁰  4 pcs.



Set of 6 KGS RED™ K855 drills packed in a suitcase

Ø20, 35, 38, 43, 50 & 68 mm

Art. no. 33921 Price € 269,-  6 pcs.

 Angle grinders  Use dry
←> M14  11000 rpm



KGS RED™ K856 GOLD LINE

The drills have a hexagonal connection for use on a (battery) drilling machine.


Product specifications

Ø	↓	Art. no.	Price
6 x 10	35	30677	€ 16, ⁹⁰
8 x 10	40	30685	€ 17, ⁹⁰
10 x 10	40	31130	€ 18, ⁹⁰
12 x 10	40	31132	€ 19, ⁹⁰

 1 pcs.

Set of four KGS RED™ K856 drills

Ø6, 8, 10 & 12 mm

Art. no. 31355 Price € 69,⁹⁰  4 pcs.



 Hand drills  Use dry  Hexagonal  2000-3000 RPM  1 pcs.



KGS RED™ K857 SILVER LINE

KGS RED™ K857 diamond drills are suitable for occasional wet drilling in ceramics. The attractive price/quality ratio makes the drills very suitable for every DIYer. The drills are equipped with a 6 mm shaft connection, suitable for use on any (battery) drill.

Benefits

- ✓ Easy drilling thanks to the thin wall of the drills
- ✓ Good cooling of the drills, ensures a long service life
- ✓ Minimal combustion and outbreak due to water supply

Product specifications

Ø	Art. no.	Price	Ø	Art. no.	Price
6	34396	€ 4, ²⁵	22	34402	€ 9, ⁹⁰
8	34397	€ 4, ⁹⁰	25	34403	€ 10, ⁹⁰
10	34398	€ 5, ⁹⁰	32	34404	€ 11, ⁹⁰
12	34399	€ 6, ²⁵	35	34405	€ 12, ⁹⁰
18	34400	€ 8, ²⁵			

■ Hand drills ⦿ Use wet <-> 6 mm shaft ⚙ 2000-3000 RPM
📦 1 pcs.



Accessories KGS RED™ ceramic drills

	Art. no.	Price
Tile drill guide 5-12 mm	34412	€ 12, ⁵⁰
Tile drill guide 6-80 mm	34413	€ 39, ⁵⁰





Grinding discs



Prior to polishing the material, it may be necessary to first pre-shape the material, maybe as a bevel or by making a rounding in the material. KGS Hybrid® diamond flap discs are excellent for this, thanks to their aggressiveness and long service life. The KGS Hybrid® grit 50 is officially approved for use on Dekton® and other ceramic materials. KGS Hybrid® flap discs are also available with M14 connection, ideal as a surface tool and suitable for roughening the surfaces to be bonded.

In addition to these discs, KGS DIAMOND offers three new diamond discs for calibration. Thanks to their flexibility and aggressiveness, these discs offer more possibilities for use than sintered calibration discs.

FLAP DISCS

KGS Hybrid® Diamond Flap Disc

GOLD LINE

KGS Hybrid® diamond flap discs are made of a plastic body with metal bonded diamond flaps. This makes the discs very aggressive compared to the KGS Hybrid® T discs.

Material removal and speed of the KGS Hybrid® diamond flap disc is equal to that of cup wheels, however, the vibrations of the machine during use are much less. The flap discs are very suitable for material removal and deburring, from coarse to fine grinding. KGS Hybrid® flap discs can also be used for edge grinding and chamfering and for surface grinding.

Benefits

- ✓ Aggressive and very quick material removal
- ✓ Comfortable and smooth grinding, reduced hand and arm vibrations compared to cup wheels
- ✓ Very long service life
- ✓ Firm body and solid flaps give precise control
- ✓ Clean finish with accurate chamfering and edging
- ✓ Easy to use due to constant grinding pressure

Product specifications

	50	60	120	200
⊙ 22.23	27430 € 52, ⁵⁰	18911 € 42, ⁹⁰	18912 € 42, ⁹⁰	18913 € 42, ⁹⁰
↔ M14	18941 € 57, ²⁵	18931 € 47,-	18932 € 47,-	18933 € 47,-

■ Hand-held machine

⊙ ⊙ Use wet or dry ⊙ 115 ⊙ 1 pcs.



*The KGS Hybrid® flap disc grit 50 is officially accredited for working on Dekton® and other ceramic materials.

KGS Hybrid® T Diamond Flap Disc





SILVER LINE





KGS Hybrid® T diamond flap discs are made of a plastic body with metal bonded diamond flaps combined with silicon carbide flaps. The focus is on material removal and deburring, from rough grinding to fine grinding. Very well suited for chamfering, also suitable for edge and surface grinding. The KGS Hybrid® T grinds softer than the KGS Hybrid®.

Benefits

- ✓ Fast material removal
- ✓ Long service life
- ✓ Soft feel, clean finish with accurate chamfering and edging
- ✓ Comfortable and smooth grinding, reduced hand and arm vibrations compared to cup wheels
- ✓ Easy to use due to constant grinding pressure

Product specifications

			
18914	18915	18916	18917
€ 29, ¹⁵	€ 29, ¹⁵	€ 29, ¹⁵	€ 29, ¹⁵

■ Hand-held machine   Use wet or dry  115  22.23

 1 pcs.

G T E C C_{ER} M





CALIBRATION DISCS

KGS Roma Disc **GOLD LINE**

KGS Roma discs for fast wet grinding.

Advantage

- ✓ SF, Snail Fit connection
- ✓ Long life
- ✓ Aggressive but smooth grinding

Product specifications

Grit	Grain	Art. no.	Price
0+++	10	19612	€ 175,-
0++	30	19611	€ 175,-
0	50	19608	€ 175,-
1	60	19609	€ 175,-
2	150	19610	€ 175,-

■ Hand-held machine ● Use wet ∅ 100 ↔ SF 📦 1 pcs.

G T E C M



KGS Turbo Disc **GOLD LINE**

KGS Turbo discs for fast wet grinding.

Advantage

- ✓ SF, Snail Fit connection
- ✓ Long life
- ✓ Aggressive grinding

Product specifications

Grit	Grain	Art. no.	Price
0+++	10	19614	€ 125,-
0++	30	19615	€ 125,-
0	50	19655	€ 125,-
2	150	19696	€ 119,-

■ Hand-held machine ● Use wet ∅ 100 ↔ SF 📦 1 pcs.

G T E C M

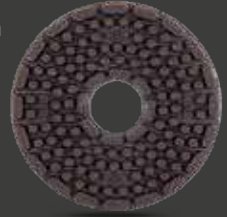


THE PERFECT NEW OPTIONS FOR CALIBRATION!

KGS Speedline® ECO grit 30

GOLD LINE

Thanks to the very coarse diamond bond, the KGS Speedline® ECO grit 30 is excellent for calibrating, smoothing, and shaping of various materials. The flexibility and aggressiveness provide a unique combination and make the KGS Speedline® ECO grit 30 very popular with stone fabricators. The disc is a good alternative to sintered calibration discs, such as the Roma disc. KGS Speedline® ECO is more flexible and therefore offers more possibilities for professional stone fabricators.



Benefits

- ✓ Good price/performance ratio
- ✓ Versatile
- ✓ Long service life

■ Hand-held machine

⦿ Use wet

⊗ 100 ⊙ 25

↔ Velcro® 📦 1 pcs.

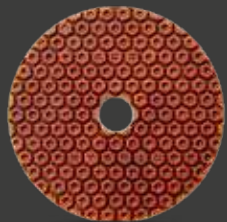
Grit	Art. no.	Price
30	17941	€ 17, ⁵⁰

G T E C M

KGS Hybrid® PRO grit 30

GOLD LINE

Very good alternative to a sintered calibration disc (Roma disc). The KGS Hybrid® PRO is more flexible and therefore offers more possibilities for professional stone fabricators (see page 78)



Grit	Art. no.	Price
30	17930	€ 24,-

KGS Speedline® MP+ SF grit 60

GOLD LINE

For sanding or calibrating as a first step on the sides of kitchen tops, window sills, pool edges, steps, hotel wash basins. Also very suitable for making sleek facets on granite, marble, composite, ceramics, concrete (see page 86-87).



Grit	Art. no.	Price
60	18121	€ 72, ⁵⁰

CUP WHEELS



KGS RED™ K878 Diamond Cup Wheel **SILVER LINE**

Diamond cup wheel with single-row turbo-profile segment arrangement. The turbo-profile segment pattern permits a long service life and good grinding performance. The grinding pattern/finish corresponds to a grit size of approximately ≤ 50 . The M14 adaptor permits quick tool change.

The KGS RED™ K878 is ideal for material removal, grinding of surfaces, edges and corners, abrading uneven surfaces and top layers of surfaces, for low material removal rates, or light to medium-heavy applications.

Benefits

- ✓ For rough surfaces
- ✓ Powerful and aggressive cut
- ✓ Used on many types of construction materials
- ✓ Easy to handle tool

Product specifications

Ø	⚙️	Art. no.	Price
100	15300 rpm	19486	€ 59,-

■ Angle grinder ⚙️ Use dry ⚡ M14
📦 1 pcs.

G T E C M



KGS RED™ K898 Diamond Cup Wheel **GOLD LINE**

Diamond cup wheel with double row of segments and suction holes for professional use, long service life, and very good grinding performance. Grinding surface profile corresponds to a grit size of approximately ≤ 50 . The M14 adaptor permits quick tool change.

The KGS RED™ K898 is ideal for material removal, grinding of surfaces, edges and corners, abrading uneven surfaces and top layers of surfaces. For professional, demanding work with a need for an extremely high material removal rate.

Benefits

- ✓ Double row segments for easy and powerful grinding
- ✓ Excellent quality
- ✓ Aggressive (i.e. can open a top layer)
- ✓ Great to level surfaces

Product specifications

⊙ 22.23 mm bore

∅	⌚	Art. no.	Price
125	15300 rpm	19485	€ 95,-

↔ M14

∅	⌚	Art. no.	Price
100	15300 rpm	19487	€ 79,-
115	13300 rpm	19488	€ 89,-
125	12200 rpm	19489	€ 99,-
180	8500 rpm	19490	€ 149,-

■ Angle grinder ⌚ Use dry 📦 1 pcs.

G T E C M







KGS RED™ K865 Diamond Cup Wheel **GOLD LINE**

Diamond cup wheel with turbo segments.
Excellent results on soft stones.
The M14 adaptor permits quick tool change.

Benefits

- ✓ Universal and multi purpose
- ✓ Grinding and cutting
- ✓ Excellent results on soft stones
- ✓ Perfect grinding results

Product specifications

Ø	↻	Art. no.	Price
125	12200 rpm	19378	€ 99,-

■ Angle grinder ☹ Use dry <-> M14
📦 1 pcs.

G T E C M



Dry polishing discs



KGS DIAMOND has many years of experience in the development and production of diamond tools for grinding and polishing. The result is a wide range of dry polishing tools with various technical applications.

The KGS Swiflex® CX is a sustainable alternative to conventional sandpaper. The KGS Swiflex® XX with its high-quality diamond grit is the perfect solution if just a little more material needs to be sanded away and an excellent polishing result is required. In addition to a good service life and finish, this polishing disc offers an excellent price. Swiflex® TX is ideal for aggressive sanding and levelling of surfaces. The KGS Swiflex® QS K-Loc disc is also available for fine work and hard-to-reach areas.

KGS Swiflex® CX Diamond Polishing Disc **GOLD LINE**

KGS Swiflex® CX are a new generation of flexible diamond polishing discs. The discs are resin bonded, they can be used on natural stone, engineered stone, concrete and deliver also a very good performance on ceramics.

KGS Swiflex® CX are a replacement for conventional silicon carbide sandpaper. Very well suited for chamfering and edge grinding; also good for surface grinding.



Benefits

- ✓ Long service life compared to silicon carbide sandpaper
- ✓ Fast grinding and polishing
- ✓ Delivers a fast high-gloss finish
- ✓ The finishes will not have the "orange peel" effect
- ✓ Even after polishing, the natural stone colour stays the same, e.g. white marble stays really white
- ✓ More efficient grinding process compared to conventional silicon carbide sandpaper

Product specifications

						
18840	18841	18842	18843	18844	18845	18846
€ 19, ⁵⁰	€ 19, ⁵⁰	€ 19, ⁵⁰	€ 19, ⁵⁰	€ 19, ⁵⁰	€ 19, ⁵⁰	€ 19, ⁵⁰

■ Hand-held machine ☹ Use dry ⌀ 100 Ⓜ 15 ↔ Velcro® 📦 5 pcs. (price per box)

G T E C CER M

Set: 1 pack includes 7 grits (60, 120, 200, 400, 800, 1500, 3000)

Art. no. 18839 € 27,³⁰ per set

KGS Swiflex® XX Diamond Polishing Disc **GOLD LINE**

The KGS Swiflex® XX sets a complete new standard for dry grinding and polishing: quick and aggressive, a simple process with the best results. Very well suited for edge and surface grinding, also well suited for chamfering.

The grinding results bring a high gloss finish without discolouring the materials. KGS Swiflex® XX diamond polishing discs are resin bond multilayered diamond and feature a unique KGS design. They can be used for work on natural stone, ceramic, engineered stone, and concrete.

Benefits

- ✔ Very fast and aggressive grinding and polishing
- ✔ Very long service life, versatile application
- ✔ Quickly creates a high gloss finish
- ✔ No discolouration, even after polishing, the natural stone colour stays the same, e.g. white marble stays really white



Product specifications

18831	18832	18833	18834	18835	18836	18837
€ 20, ⁷⁰	€ 20, ⁷⁰	€ 20, ⁷⁰	€ 20, ⁷⁰	€ 20, ⁷⁰	€ 20, ⁷⁰	€ 20, ⁷⁰

■ Hand-held machine ⚙ Use dry ⌀ 100 ⌚ 15 ↔ Velcro® 📦 3 pcs. (price per box)

G T E C C_{ER} M

Set: 1 pack includes 7 grits (60, 120, 200, 400, 800, 1500, 3000)

Art. no. 18838 €48,³⁰ per set





3 Step Matt Grinding System for ceramic

Benefits

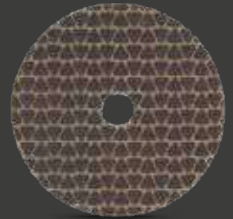
- ✓ Perfect for ceramic kitchen top bevels and tiles
- ✓ Rough grind, medium grind and matt grind for chamfer
- ✓ Grind mitred cuts on tile edges
- ✓ Perfect for use on location

Step 1: Rough grinding

KGS Swiflex® TX diamond disc (grit 60)

60 27451 €20,⁷⁰

3 pcs. (price per box)



Step 2: Medium grinding

KGS Swiflex® XX diamond disc (grit 120)

120 18832 €20,⁷⁰

3 pcs. (price per box)



Step 3: Matt grinding

KGS Swiflex® CX diamond disc (grit 200)

200 18842 €19,⁵⁰

5 pcs. (price per box)



■ Angle grinder ⚡ Use dry ⌀100 Ⓜ 15 ⚡↔️ Velcro®



KGS Swiflex® QS K-Loc Diamond Disc **GOLD LINE**

The KGS Swiflex® QS K-Loc disc is very suitable for fine sanding and polishing work. With the KGS Swiflex® QS K-Loc disc, hard-to-reach areas and small surfaces can be worked on.








The K-Loc system ensures a good connection between the polishing disc and the adaptor. The KGS Swiflex® QS K-Loc discs can be used on the PSK-3 pneumatic dry grinder.

Benefits

- ✓ Quick change thanks to the k-loc system
- ✓ Aggressive
- ✓ Compact



Product specifications

						
12777	12778	12779	12780	12783	12784	12785
€ 17, ⁶⁷	€ 15, ⁰⁵	€ 12, ⁷³	€ 12, ⁴⁰	€ 8, ⁰²	€ 8, ⁰²	€ 8, ⁰²

Bond: metal ≤ 400, resin ≥ 500

■ Hand-held machine  Use dry  Ø 50  Twist & K-Loc system  1 pcs.

G T E C C_{ER} M





KGS K-Loc Back Up Pad

K-Loc back-up pad with 6 mm shaft.

Art. no. Price

21928 € 2,⁶⁸

∅ 45  1 pcs.



KGS PSK 3 Pneumatic Angle Grinder

The KGS Swiflex® QS K-Loc discs can be used on the PSK-3 pneumatic dry grinder (see page 158).

Art. no. Price

21102 € 191,-

 1 pcs.



Wet & dry polishing discs



For optimum polishing results, water should be used during sanding or polishing. When sanding or polishing takes place on site in addition to the workshop, it is sometimes not possible to use water. KGS DIAMOND has the solution: the KGS Hybrid® diamond sanding and polishing discs that can be used both wet and dry.

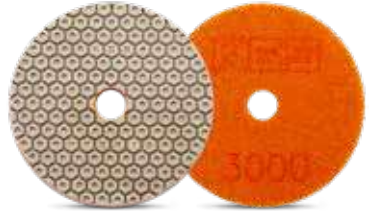
These discs have an excellent wet performance, but also deliver perfect results when there is no possibility to use them wet. An ideal combination! Maximum results in every situation with KGS Hybrid® products.

KGS Hybrid® PRO Diamond Polishing Disc **GOLD LINE**

Very suitable for edge and surface grinding and polishing. KGS Hybrid® PRO polishing discs are multilayer resin bonded diamond, which ensure a high gloss finish without discolouring the materials. For the finishing KGS offers a light and dark coloured resin disc grit 10'000 (Buff). Light version for the finishing of light coloured materials (e.g. marble) and a dark version for dark coloured materials (e.g. granite).

Benefits

- ✓ Fast grinding and polishing
- ✓ Good edge and surface quality
- ✓ Optimal finish with the 10'000 grit
- ✓ Perfect on / for straight angles



Product specifications

17930	17831	17832	17833	17834	17835	17836	17837	17838	17840	17839
€ 24,-	€ 20,-	€ 20,-	€ 20,-	€ 20,-	€ 20,-	€ 20,-	€ 20,-	€ 20,-	€ 23,-	€ 23,-

■ Hand-held machine ⚙️ Use wet or dry ⌀ 100 ⌚ 15 ↔ Velcro® 📦 1 pcs.

G T E C C_{ER} M



KGS HYBRID® PRO GRIT 30

The perfect new option for calibration!

The KGS Hybrid® PRO series have been extended to include a grit 30. This grit has a very coarse diamond grit, making it ideal for dry and wet calibration, smoothing and shaping of various materials. The flexibility and aggressiveness provide a unique combination and make the KGS Hybrid® PRO very popular with stone fabricators.

The KGS Hybrid® PRO grit 30 is a good alternative to a sintered calibration disc (Roma disc). KGS Hybrid® PRO is more flexible in use and therefore offers more possibilities for professional stone fabricators.

KGS Hybrid® PRO CLS Diamond Polishing Disc **GOLD LINE**

KGS Hybrid® PRO with CLS system. The unique centering system ensures that the diamond polishing disc is always perfectly centred, ensuring optimum gloss and a fantastic end result. Thanks to the CLS system, the discs can be changed quickly, and the system also increases the service life of the polishing discs.

Benefits

- ✓ With CLS (Centre Locking System) for positioning the disc easily
- ✓ Quick changing
- ✓ Perfect grinding tool
- ✓ Good polishing results



Product specifications

17853	17854	17855	17856	17857	17858	17859	17860	17861	17862
€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 22, ¹⁰	€ 24, ⁵⁰	€ 24, ⁵⁰

■ Hand-held machine Use wet or dry Ø 100 Ⓢ 8 Velcro® 1 pcs.

G T E C C_{ER} M



KGS Hybrid® SR Diamond Polishing Disc SILVER LINE

Great polishing results in just 3 steps. The KGS Hybrid® SR disc are well suited for edge and surface grinding and polishing. The discs are ideal for working on site where small polishing jobs must be carried out quickly. KGS Hybrid® SR discs can be used for natural stone, ceramic, engineered stone, concrete, marble and blue stone.

Benefits

- ✔ Fast grinding and polishing
- ✔ Long service life
- ✔ Great polish attainable in 3 quick steps



Product specifications

Step	Art. no.	Price
1: grinding	23533	€ 29, ⁸⁰
2: fine grinding	23534	€ 29, ⁸⁰
3: polishing	23535	€ 29, ⁸⁰

Additional step Art. no. Price Step 0 can be used before the 3 step system. Perfect for very rough surfaces to calibrate or shape the material.

0: calibration 23532 € 29,⁸⁰

■ Hand-held machine ● Use wet or dry ∅ 100 Ⓢ 15 ↔ Velcro® 📦 1 pcs.

G T E C C_{ER} M



Wet polishing discs



Maximum results!

KGS DIAMOND has a wide range of wet polishing discs. If you need to polish marble or hard stone, choose the KGS Telum® polishing disc. Its great flexibility makes the disc perfect for roundings!

New in the range is the KGS Speedline® Pronto, works fast, aggressively, and delivers a nice gloss. The KGS Speedline® ORG is available in Ø100 as well as Ø125, which is ideal when working on a large surface area. The KGS Speedline® EGP and KGS Speedline® MP+ with SF connection are a very good alternative to sanding stones thanks to their fixed mounting.

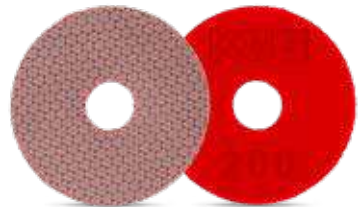
KGS Telum® Diamond Polishing Disc **GOLD LINE**

Diamond sanding and polishing disc with unique KGS Telum® pattern. The interlocked pattern ensures a continuous contact with the work surface and offers a high level of comfort when working. The KGS Telum® sanding disc is suitable for working on traditional materials such as marble and bluestone. In addition, the disc is also excellent for working on granite and composite.








KGS Telum® sanding disc is very flexible, which makes it ideal for sanding and polishing roundings. In order to take full advantage of the disc's flexibility, it is recommended to use it with a KGS rubber adapter (see page 161).

Benefits

- ✓ Excellent service life
- ✓ Highly flexible, perfect for roundings
- ✓ Comfortable during use



Product specifications

						
13092	13093	13094	13095	13098	13100	13101
€ 37, ⁷⁷	€ 33, ⁴⁹	€ 24, ⁴⁹	€ 22, ⁶¹	€ 14, ⁶⁰	€ 14, ⁶⁰	€ 14, ⁶⁰

Bond: metal ≤ 400, resin ≥ 500

■ Hand-held machine ● Use wet Ø 100 ⊙ 25 ↔ Velcro® 📦 1 pcs.

T **E** **C_{ER}** **C** **M**

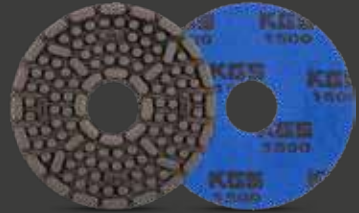
KGS Speedline® Pronto Diamond Polishing Disc

SILVER LINE

The KGS Speedline® Pronto diamond polishing discs offer an excellent ratio of price to service life and performance. KGS Speedline® Pronto polishing discs are perfect for wet polishing of different materials.

Benefits

- ✓ Universal
- ✓ Smooth grinding yet aggressive
- ✓ Great polishing results
- ✓ Quick stock removal
- ✓ Excellent price performance ratio



Product specifications

60	120	200	400	800	1500	3000
34358	34359	34360	34361	34362	34363	34364
€ 9, ⁹⁵	€ 9, ⁹⁵	€ 9, ⁹⁵	€ 9, ⁹⁵	€ 9, ⁹⁵	€ 9, ⁹⁵	€ 9, ⁹⁵

■ Hand-held machine Ⓞ Use wet ∅ 100 Ⓢ 25 ↔ Velcro® 📦 1 pcs.

G T E C M

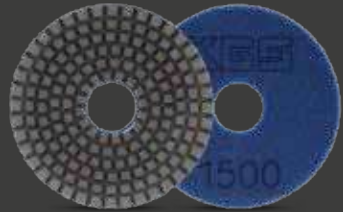


KGS Speedline® ORG Diamond Polishing Disc **GOLD LINE**

The Speedline® ORG is very popular with stone fabricators thanks to its excellent performance. The special block-shaped design, the high diamond concentration and unique hardness ensure excellent gloss, long life and fast results. In addition to the Ø100, KGS Speedline® ORG is also available in Ø125, which is ideal for working large surfaces and makes this disc a favourite with concrete and terrazzo specialists.

Benefits

- ✓ Optimum edging result
- ✓ Perfect grinding tool
- ✓ Ø125 is ideal for larger surfaces (terrazzo)



Product specifications

	50	60	120	200	400	800	1500	3000	100000
Ø100	17732 € 49, ⁹⁰	17733 € 49, ⁹⁰	17734 € 29, ⁹⁰	17735 € 29, ⁹⁰	17736 € 29, ⁹⁰	17737 € 29, ⁹⁰	17738 € 29, ⁹⁰	17739 € 29, ⁹⁰	17740 € 49, ⁹⁰
Ø125	17750 € 75,-	17751 € 75,-	17752 € 55,-	17753 € 55,-	17754 € 55,-	17755 € 55,-	17756 € 55,-	17757 € 55,-	
■ Hand-held machine ⦿ Use wet ⊙ 25 ↔ Velcro® 📦 1 pcs.									

G T E C M



KGS manual SF systems for polishing

KGS Speedline® MP+ and Speedline® EGP diamond grinding and polishing discs are the ideal alternative to traditional grinding. These discs offer excellent quality, have a long service life and are therefore more cost effective to use than traditional grinding. Both types are equipped with a snail fit (SF) adapter. This adapter ensures stability and comfortable use.

The KGS Speedline® EGP is easy to combine with the Speedline® MP+ series. The Speedline® MP+ has been specially developed for grinding and polishing bevels and straight edges. For polishing, the KGS Speedline® EGP series are recommended after using the Speedline® MP+ grit 400. These discs ensure an excellent polishing result.

Advantages KGS Speedline® MP+ and KGS Speedline® EGP compared to conventional sand stones

- ✓ Higher stock removal
- ✓ Less stress for machine
- ✓ Ergonomic
- ✓ Easy change thanks to the SF system
- ✓ High-quality polishing results
- ✓ Cost effective, thanks to a long service life of the discs



KGS Speedline® MP+ Diamond Polishing Disc GOLD LINE



Product specifications



18121 18122 18123 18131

€ 72,⁵⁰ € 72,⁵⁰ € 72,⁵⁰ € 72,⁵⁰

■ Hand-held machine ● Use wet ∅ 100 ⊙ 25 ←> SF (snail fit)
⌚ 3500 to 6500 rpm 📦 1 pcs.

G T E C C_{ER} M

KGS Speedline® EGP Diamond Polishing Disc GOLD LINE



Product specifications



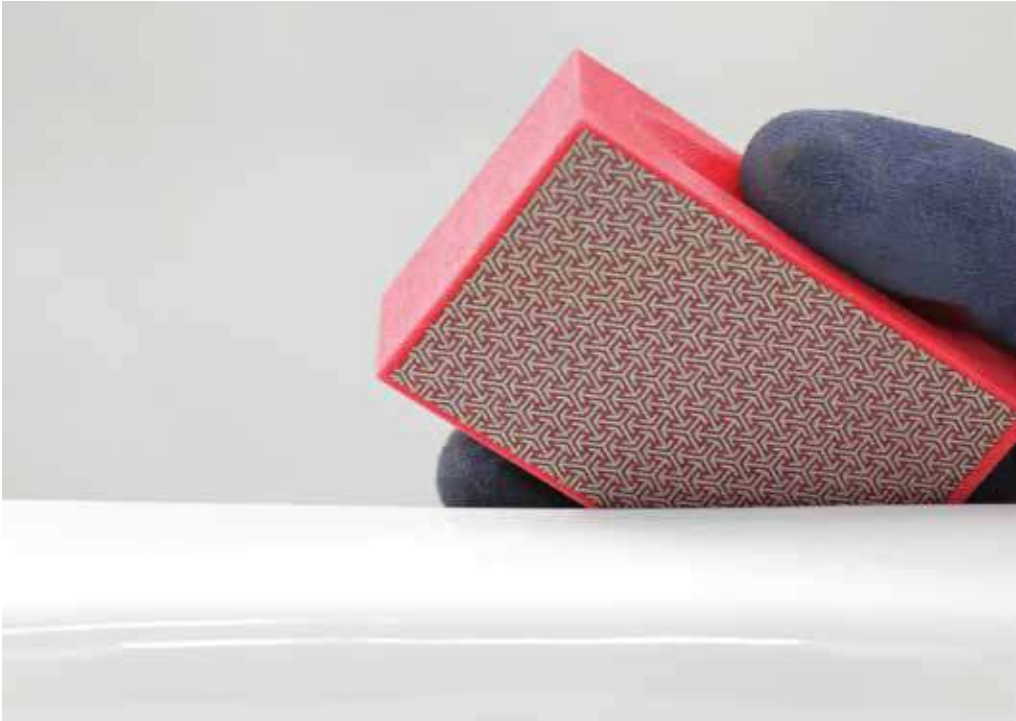
17969 17970 17971 17972 17973 17974 17975 17976

€ 66,- € 66,- € 59,- € 59,- € 59,- € 59,- € 59,- € 59,-

■ Hand-held machine ● Use wet ∅ 100 ⊙ 25 ←> SF (snail fit)
⌚ 3500 to 6500 rpm 📦 1 pcs.

G T E C M

Manual polishing



Sometimes, machine use is not practical or possible. KGS DIAMOND offers a great selection of tools for hand grinding and polishing as a solution. You can manually work on hard-to-reach surfaces, corners, and edges, wet or dry. The potential uses seem endless for work on natural and engineered stone, composites, glass, ceramic, or concrete surfaces, e.g. spot/selective grinding for concrete cosmetics. The KGS hand polishing tools can handle just about anything, thanks to the „Swiss Diamond Technology®“, the versatility and wide range of application, and easy handling.

HANDPADS

KGS Telum® Diamond Handpad **GOLD LINE**

KGS Telum® handpad, ideal to always have within reach for small finishes, such as making a small bevel on ceramics, repairing scratches or damages, and polishing the side of a kitchen worktop, window sill, or stairs. In addition, the KGS Telum® handpads are great for the sanding of (natural) stone, composite, concrete, and ceramic tiles and are even suitable for glass and wood. Thanks to the diamond abrasive, it has an extremely long service life compared to conventional abrasives.

The KGS Telum® handpad 75x75 series is available for greater flexibility and for sanding roundings. These pads are ideal for sanding and polishing round washbasins, sculptures, or working on hard stone doorsteps. Also suitable for working on wider surfaces.

Benefits

- ✔ KGS Telum® design for a perfect finish
- ✔ “Problem solver,” Extremely versatile and suitable for a large number of materials
- ✔ High and fast material removal rate
- ✔ Very long service life
- ✔ Consistent grinding performance
- ✔ Easy to use



Product specifications

	60	120	200	400	500	1500	3000
75x75	14753	14754	14755	14756	14758	14759	14760
	€ 31, ⁰⁷	€ 25, ⁹¹	€ 19, ⁴³	€ 16, ⁶⁹	€ 10, ²¹	€ 10, ²¹	€ 10, ²¹
90x55	14733	14735	14738	14742	14749	14750	14751
	€ 21, ⁶³	€ 18, ⁸⁹	€ 14, ³⁸	€ 10, ⁹⁸	€ 9, ⁴⁴	€ 9, ⁴⁴	€ 9, ⁴⁴

Bond: metal ≤ 400, resin ≥ 500

■ Manual Use wet or dry 1 pcs.

G T E C CER M





KGS Flexis® Diamond Handpad with curved edges **GOLD LINE**

Suitable for various materials and applications. Ideal for quickly removing small scratches or damages. Thanks to the diamond, the abrasives have an extremely long service life compared to conventional sandpaper.


The rounded corners make the KGS Flexis® curved handpads the solution for sanding and polishing roundings and deepenings. Ideal for polishing work where a high degree of precision is required.





Benefits


- ✓ Fast, aggressive, long-lasting, consistent and cost-effective
- ✓ Ideal for places that are difficult to reach
- ✓ Perfect for roundings and deepenings
- ✓ Ideal for precise jobs

Product specifications

 60	32652	€ 19, ⁷⁵
 120	32653	€ 17, ²⁰
 200	32654	€ 13, ¹⁰
 400	32655	€ 10, ⁵⁰



■ Manual  Use wet or dry  90x55

 1 pcs.

G T E C C_{ER} M

SHEETS

KGS Telum® Sheets

GOLD LINE

The stone industry has many creative people who only think in terms of solutions and do not shy away from challenges. Sometimes there is no standard product for a certain application. For this there are the KGS Telum® sheets. The sheets can easily be cut to the desired shape and size, for example for a file, sandpaper or a tool for sanding stones and skirting boards.



The sheets are available with three different backings.

CV

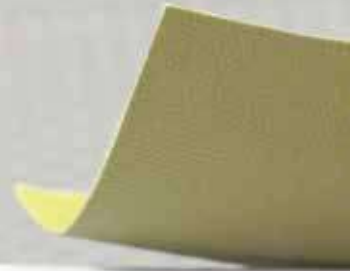
Canvas backing (CV), very thin and flexible backing; ideal for all kinds of roundings and bends. Also suitable for applying adhesive independently.

SA

Self-adhesive backing (SA)

QRS

Velcro® backing (QRS) for placement on a Velcro® adapter or sander



Benefits

- ✓ Comfort of manual grinding and polishing
- ✓ Consistent performance and finish
- ✓ Extra long lifetime
- ✓ Easy to cut into smaller sizes, according to the needs of the applications.

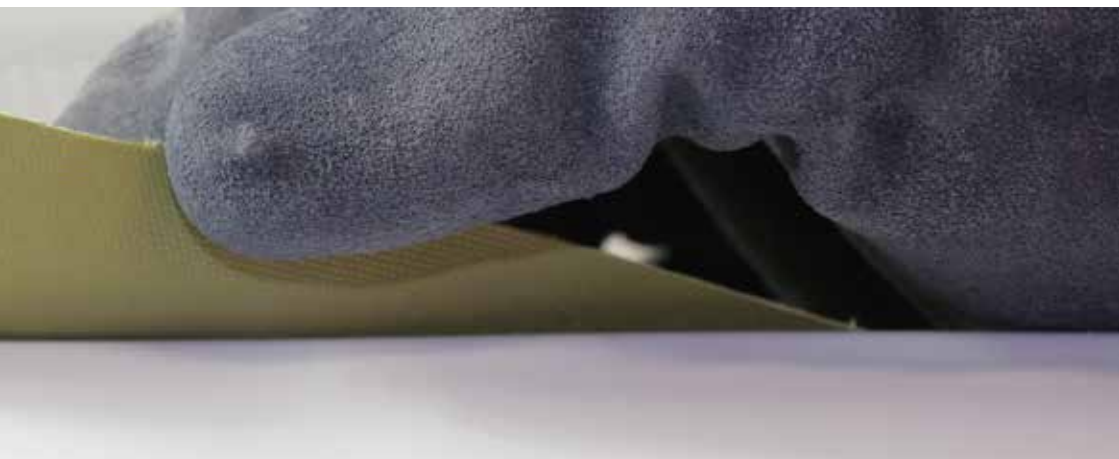
Product specifications

	60	120	200	400	500	1500	3000
Canvas	15210 €256, ⁰⁶	15211 €205, ³²	15212 €144, ⁹⁴	15213 €127, ³⁷	15216 €78, ⁶¹	15217 €78, ⁶¹	15218 €78, ⁶¹
Self-adhesive	15229 €261, ³²	15230 €205, ³²	15231 €152, ⁶²	15232 €139, ⁴⁴	15236 €98, ⁹²	15237 €98, ⁹²	15238 €98, ⁹²
Velcro®	15323 €264, ⁶¹	15324 €205, ³²	15325 €159, ²⁰	15326 €154, ⁸²	15814 €82, ⁶⁸	15815 €82, ⁶⁸	34140 €82, ⁶⁸

Bond: metal ≤ 400, resin ≥ 500

■ Manual ⚙️ Use wet or dry 📏 280x230 📦 1 pcs.

G T E C C_{ER} M



WHETSTONES



KGS Telum® Diamond Whetstone

GOLD LINE

KGS Telum® diamond whetstone is a precision diamond sharpening tool. Well suited for very fast sharpening or deburring any hard, brittle material. KGS DIAMOND whetstones work much faster and have an incredible long life compared to conventional whetstones.

KGS Telum® whetstone is metal bonded diamond. The aluminum support plate has plastic nubs on the back, preventing the slipping of the whetstone during sharpening. Very well suited for sharpening tools, deburring, and defect removal.

Diamond sharpening stones can be used dry or wet, but wet is recommended. When using them wet, use water (not oil).

Benefits

- ✔ For both dry and wet grinding and polishing
- ✔ Manually controlled sharpening: makes the surface extremely sharp
- ✔ Incredible long life compared to conventional whetstones
- ✔ Very well suited for sharpening tools, deburring, and defect removal

Product specifications



16226

€66,⁹⁶



16227

€52,³⁸



16228

€45,⁴⁶



16229

€42,¹⁷



■ Manual 🚿💧 Use wet or dry 📏 150x50 📦 1 pcs.



KGS Flexis® Diamond Whetstone Dual Grit Size GOLD LINE

KGS Flexis® whetstone is available in a combination of two grits, 200 and 400. One part of the sharpening stone is grit 200 (red) and the other part is grit 400 (yellow). Thanks to the two different grit sizes on one sharpening stone it's easy to switch between coarse grinding with grit 200 and fine finishing with grit 400.

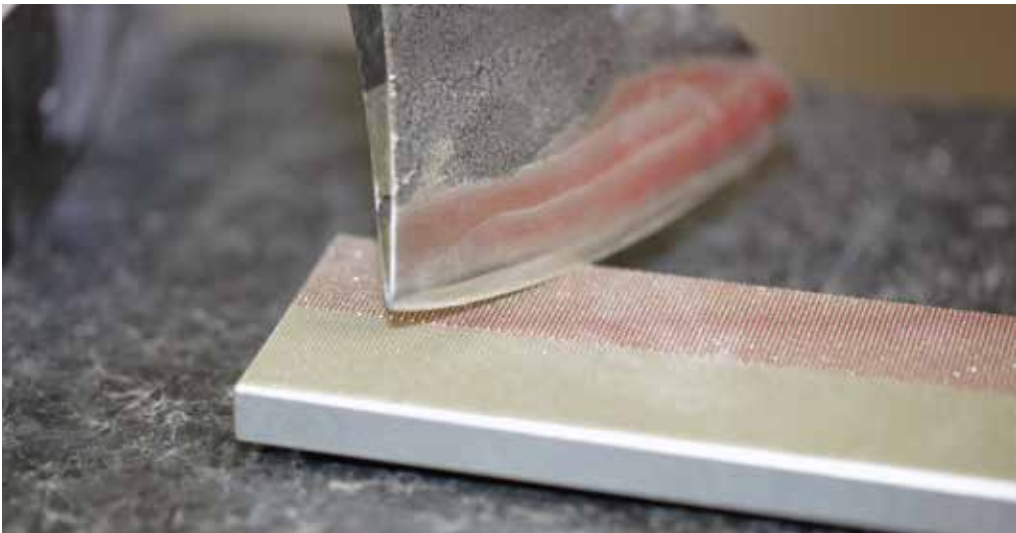
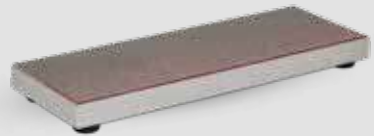
Benefits

- ✓ For both dry and wet grinding and polishing
- ✓ Manually controlled sharpening: makes the surface extremely sharp
- ✓ Incredible long life compared to conventional whetstones
- ✓ Very well suited for sharpening tools, deburring, and defect removal

Product specifications

 &  16266 €39,³¹

 Manual  Use wet or dry
 150x50  1 pcs.



FILES

KGS Flexis® Diamond File

GOLD LINE

KGS Flexis® diamond file, ideal for stone masons, sculptors, and kitchen technicians to always have at hand for fine sanding and polishing work. The KGS Flexis® diamond files are available in a set, ideal for carrying out repairs and precise work. A set consists of four files in different shapes, of which a separate set is available for each grit.

Benefits

- ✓ One set contains four files in different shapes
- ✓ Aggressive
- ✓ Ergonomic handle for a good grip

One set consists of the following 4 files

60x6 (flat), 43x12 (flat), 43x12 (half round) and 38x19 (flat).



Product specifications



34562 34563

€31,⁰⁹ €28,⁵⁰

■ Manual  Use wet or dry  4 files per set

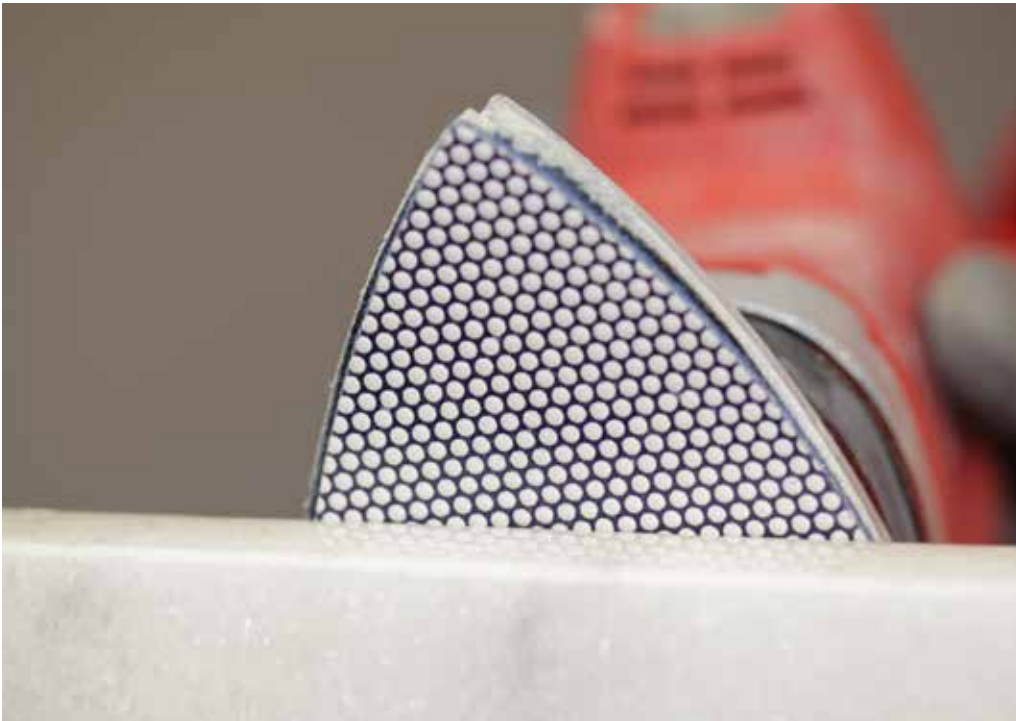
G T E C C_{ER} M




FONTANAFREDDA
ARTEPIETRA
Scultore
CHRIS PETERSON
PAESI BASSI


Manufactured with different KGS DIAMOND tools
Sculptor: Chris Peterson Zwolle (the Netherlands), BastArto.com
Photographer: Attilio Modano Fotografo (Italy)

Precise polishing



KGS DIAMOND offers a wide range of products for applications where a high degree of accuracy is required. KGS Flexis® triangle pads are available for sanding and polishing in corners. The KGS Telum® spiral belts are ideal for fine work in hard-to-reach areas. The unique KGS Telum® diamond pattern ensures a perfect finish on various materials.

KGS Swiflex® sculpturing tips have been specially developed for precise grinding, sanding, and shaping work on various types of (natural) stone. The sculpturing tips are available in various shapes, for every situation there is a suitable tip.

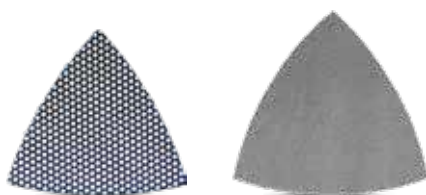
TRIANGLE PADS

KGS Flexis® Diamond Triangle Pad **GOLD LINE**

KGS Flexis® Diamond Triangle Pads can be used for natural stone, terrazzo, marble, engineered stone, and concrete. For use on standard Fein and Bosch triangle grinding machines. Great for work in hard-to-reach corners and edges. KGS Flexis® Diamond Triangle Pads are either metal or resin bonded, depending on their grit. Metal bonded diamond (\leq grit 400), resin bonded diamond (\geq grit 500).

Benefits

- ✓ Fast grinding and polishing
- ✓ Long service life
- ✓ Safely and easily grind and polish difficult shapes, such as corners, flats, and round edges.



KGS Flexis® triangle Fein

KGS Flexis® triangle Bosch

Product specifications

	60	120	200	400	500	1500	3000
Fein	15136	15139	15142	15145	15151	15154	15157
80x80x80	€ 19, ³²	€ 17, ¹³	€ 12, ⁶³	€ 11, ⁶³	€ 7, ⁴⁶	€ 7, ⁴⁶	€ 7, ⁴⁶
Bosch	15160	15162	15164	15166	15169	15171	15173
94x94x94	€ 24, ³⁷	€ 21, ⁶³	€ 15, ⁸²	€ 14, ⁶⁰	€ 9, ³⁴	€ 9, ³⁴	€ 9, ³⁴

■ Triangle grinding machines 🔗 Use wet ↔ Velcro® 📦 1 pcs.

G T E C C_{ER} M

SPIRAL BELTS

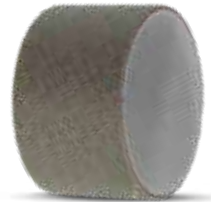
KGS Telum® Diamond Spirals **GOLD LINE**

KGS Telum® spirals can be used for sanding and polishing internal and external surfaces, such as polishing raised edges, the inside of a sink, kitchen worktops, steps, and window sills. They are suitable for use on various machines, including CNC machines and router machines. Also ideal for use on an angle grinder when straight edges need to be polished on site.

KGS Telum® spirals are available in four different diameters, the small diameters are perfect for fine work and hard-to-reach areas. KGS Telum® grit 60 works perfectly on new materials in the stone industry, such as ceramics. For every stone mason, sculptor or kitchen technician, the KGS Telum® spiral is a fine and versatile tool, ideal to have at hand at all times.

Benefits

- ✓ Special interlocking pattern for extra strength and life
- ✓ High stock removal, perfect finish
- ✓ Nice flat polished surface



Product specifications

	60	120	200	400	500	1500	3000
Ø15x30	10002 € 21, ³¹	10003 € 20, ⁴²	10004 € 18, ⁷⁷	10005 € 18, ⁰¹	10008 € 16, ⁴⁷	10009 € 16, ⁴⁷	10010 € 16, ⁴⁷
Ø30x30	10028 € 30, ²⁰	10030 € 28, ⁵⁵	10032 € 25, ³⁶	10034 € 25, ⁰³	10038 € 20, ⁶⁴	10040 € 20, ⁶⁴	10041 € 20, ⁶⁴
Ø50x42	10064 € 39, ⁰⁸	10066 € 33, ¹⁶	10068 € 25, ²⁶	10070 € 22, ⁷³	10071 € 18, ⁷⁷	10073 € 18, ⁷⁷	10074 € 18, ⁷⁷
Ø75x42	10086 € 46, ³⁴	10087 € 42, ¹⁷	10088 € 39, ⁰⁸	10089 € 37, ⁵⁶	10090 € 29, ⁶⁴	10091 € 29, ⁶⁴	10092 € 29, ⁶⁴

■ Hand-held machine ☉☉ Use wet or dry 📦 1 pcs.

G T E C C_{ER} M



KGS Rubber Wheel 6x40 mm Shaft

Ø	Art. no.	Price
15x30	22035	€ 6, ⁴⁹
30x30	22032	€ 8, ²⁴



KGS Rubber Wheel ↔ M14

Ø	Art. no.	Price
50x42	22037	€ 40, ⁹⁹



1/2" R adapter for rubber wheel with M14 connection

Art. no.	Price
21370	€ 19, ⁹⁵

KGS Rubber Wheel ⊙ 25

Ø	Art. no.	Price
75x38	22045	€ 23, ⁹⁰
75x42	24958	€ 47, ⁷⁹



Mandrel M14 for KGS Rubber Wheel with bore 25

Art. no.	Price
21546	€ 25, ⁰³



Manufactured with different KGS DIAMOND tools
Sculptor: Chris Peterson Zwolle (the Netherlands), BastArto.com
Photographer: Attilio Modano Fotografo (Italy)

SCULPTURING TIPS

KGS Swiflex® Sculpturing Tips

GOLD LINE

Vacuum brazed milling tips.

KGS Swiflex® sculpturing tips have been specially developed for precise grinding, sanding, and shaping work on various types of (natural) stone. The sculpturing tips are available in different shapes, there is a suitable tip for every situation. KGS Swiflex® sculpturing tips can be used widely, for example for repairing kitchen worktops, sculpting, enlargement/clearing out boreholes, and small milling work.

Product specifications



Tip 1
Ø10x16
Art. no. 18679
Price € 25,-



Tip 5
Ø8x20
Art. no. 18687
Price € 25,-



Tip 9
Ø30x15
Art. no. 18695
Price € 35,-



Tip 2
Ø8
Art. no. 18681
Price € 25,-



Tip 6
Ø18x20
Art. no. 18689
Price € 29,-



Tip 10
Ø25x4
Art. no. 18697
Price € 29,-



Tip 3
Ø16
Art. no. 18683
Price € 29,-



Tip 7
Ø6x20
Art. no. 18691
Price € 25,-



Tip 11
Ø20x6
Art. no. 18699
Price € 29,-



Tip 4
Ø20x10
Art. no. 18685
Price € 29,-



Tip 8
Ø12x20
Art. no. 18693
Price € 25,-



Tip 12
Ø40
Art. no. 18701
Price € 35,-

■ Hand-held machine ● Use wet ⚙️ up to 20.000 rpm ⌀ Shaft 6x40 📦 1 pcs.

G T E C C_{ER} M

Finishing tools



KGS DIAMOND offers various products for removing scratches and bumps from natural stone and for adding extra gloss. KGS Flexis® HD pads can easily remove wear spots in natural stone, the pads are often used in the final inspection of major kitchen worktop manufacturers. KGS DIAMOND offers various diamond tools for sanding and polishing natural stone, vinyl and concrete floors. A selection of these products is widely used in the natural stone industry, such as the KGS FLEXIS® pads available for single head machines and machines with an Frankfurt-connection. KGS Speedline® calibration FF is suitable to create a honed effect on polished composite panels. In addition, this product can also be used for the first steps in the polishing process with an Frankfurt machine.

KGS FLEXIS® HD GOLD LINE

KGS Flexis® HD Disc have been developed for various light renovation and polishing activities. The polishing discs are suitable for the renovation, deep cleaning, and polishing of natural stone, artificial stone, ceramics, and concrete.

The KGS Flexis® HD pads remove light scratches, damage, wear and stubborn dirt from kitchen worktops, window sills, interior work, and tombstones. The surface regains its natural gloss.

Benefits

- ✓ Perfect for maintenance and repair work
- ✓ Very good for adding an extra finishing touch and extra gloss to the product
- ✓ Ideal in combination with the KGS maintenance program to impregnate or clean natural stone in advance

Product specifications

100	200	400	800	1500	3000	8000
17403	17404	17405	17406	17407	17408	17461
€3,60	€3,60	€3,60	€3,60	€3,60	€3,60	€3,60

■ Angle grinder / polishing machine ☉☉ Use wet or dry ⌀ 125

📦 1 pcs.

G T E C C_{ER} M



Finishing steps for different results

	Rough surface	Honed / smooth surface
Matt	100 200 400	400
Matt gloss	100 200 400 800	400 800
Gloss	100 200 400 800 1500 3000	400 800 1500 3000
High gloss	100 200 400 800 1500 3000 8000	400 800 1500 3000 8000
Gloss maintenance	1500 3000 8000	1500 3000 8000





Frankfurt systems

KGS DIAMOND has a series of polishing and finishing product with Frankfurt connection that is specifically for machine with Frankfurt style mounting systems, such as top polishers and wall arm machines.

With our KGS FLEXIS® pads you can give an extra fine finish after grinding and polishing on many different materials. The KGS Calibration FF tool is used for sanding the back of a polished panel to a honed finish, working on materials such as composite, granite, marble and bluestone.

KGS Calibration FF **GOLD LINE**

KGS Calibration FF has been especially developed for use on top polishing and wall bracket machines with Frankfurt connection. KGS calibration FF grit 30 and 60 are the first steps in polishing slabs. The tools are also used for sanding back of polished slabs to honed sheet material, such as composite, granite, marble, and bluestone.

Product specifications

Grit	Art. no.	Price
30	19091	€97, ⁵⁰
60	19092	€97, ⁵⁰

■ Single head machine ⦿ Use wet

☐ 92x90 📦 5 pcs. (price per box)

G T E C M



Grit 30

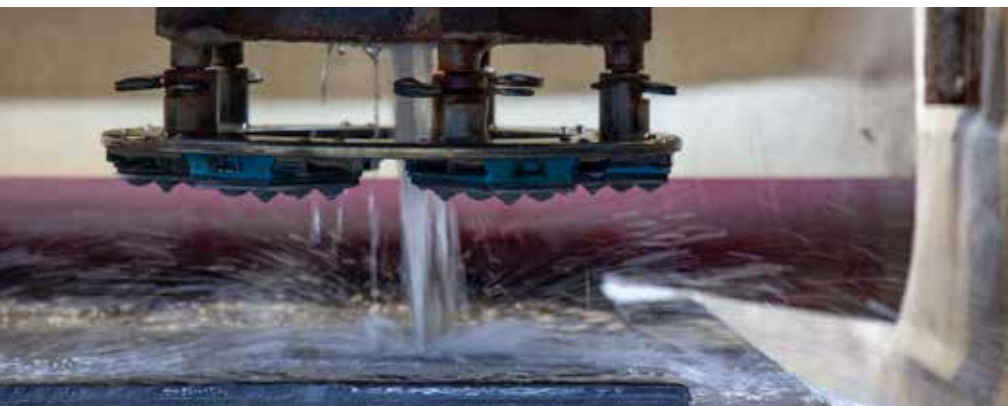
Grit 60

KGS Frankfurt Adapter Velcro

Adapter for KGS Calibration FF and KGS FLEXIS® FF.

Art. no.	Price
23621	€16, ²⁵

↔ Velcro ☐ 92x90 📦 1 pcs.





KGS FLEXIS® FF Pads

SILVER LINE

KGS Flexis® FF is ideal for the light grinding and polishing of various types of stone such as marble, bluestone, terrazzo, concrete, and granite.

Benefits

- ✓ Removal of bumps (polishing marks)
- ✓ Re-cutting honed marble and bluestone
- ✓ To be used in combination with the KGS Calibration FF

Product specifications

17579	17574	17575	17576	17577
€ 10,-	€ 10,-	€ 10,-	€ 10,-	€ 10,-

Single head machine
 Use wet or dry
 92x90
 5 pcs.

G T E C C_{GR} M

Floor grinding & polishing tools



KGS DIAMOND offers different tools for wet grinding and polishing of floors. The KGS WET SEKTOR for single head machines and KGS SPEEDTEC™ M for planetary machines.

KGS SPEEDTEC™ M

GOLD LINE

The KGS SPEEDTEC™ M tool is designed for wet polishing of marble using planetary floor grinding machines. Machines from 150 kg to 400 kg can be used to bring the best gloss and depth to your marble floor.

Product specifications

100 Grit 100 (black) for heavy scratch removal and surface smoothing and levelling

Art. no. 18450 € 23,-



200 Grit 200 (blue) develops a more refined smooth honed surface

Art. no. 18451 € 23,-



400 Grit 400 (red) develops a high hone with some light reflection

Art. no. 18452 € 23,-



800 Grit 800 (white) develops a light polish

Art. no. 18453 € 23,-



1500 Grit 1500 (yellow) develops a medium polish

Art. no. 18454 € 23,-



3000 Grit 3000 (green) develops a high polish

Art. no. 18455 € 23,-



■ Planetary machines ● Use wet Ø 60

↔ Velcro® ☑ 9 pcs. (price per pce.)



KGS
SPEEDTEC™
M on a
planetary
machine



KGS WET SEKTOR **GOLD LINE**

The KGS WET SEKTOR is available with either QRS loop or QRS long hook and are suitable for wet grinding and polishing of marble under a wide variety of floor grinding machines. The long hook version mounts directly under a standard non-woven floor pad for ease of use. The loop version requires a Velcro hook drive plate.

The KGS WET SEKTOR tools will work on slow and fast speed, single head, multiple head planetary and power trowel machines. This versatility makes them a perfect choice for a fast polishing process which produces an outstanding polish with great clarity and gloss meter readings above 80. If a higher level of polish is required, this can be achieved using a KGS ENDURO™ 8000g pad under a high speed burnisher.

Available in 50, 80, 100, 400, 800, 1500 & 3000 grit sizes. For planetary machines, a minimum of three tools per head is required but 4 per head are often used. For single head machines, the number of tools required will depend upon the diameter of the driveplate. Typically a 430mm / 17" driveplate will require a minimum of 5 SEKTOR pads spread equidistant around the circumference. On heavy weight machines, increase the number of tools for longer life.



Product specifications



Velcro® loop	19074 € 18,-	19075 € 18,-	19076 € 18,-	19077 € 18,-	19078 € 18,-	29214 € 18,-	29215 € 18,-	29216 € 18,-
Velcro® long hook	19079 € 18,-	19080 € 18,-	19081 € 18,-	19082 € 18,-	19083 € 18,-	19084 € 18,-	19085 € 18,-	19086 € 18,-

■ Single head & planetary machine ● Use wet □ 75x60 THK $\frac{1}{8}$ 6 📦 9 pcs. (price per pce.)

T C M



Grit 50



Grit 80



Grit 100



Grit 200



Grit 400



Grit 800



Grit 1500



Grit 3000







KGS Floor renovation system

GOLD LINE

The perfect tool combination for natural stone floor renovation. KGS Speedline® MM-2A most aggressive and KGS FLEXIS® FF best polishing grits come together to create the fastest renovation system for marble and soft stone floors.

■ Single head machine ⬆ Use wet **M**

Step 1 to 3

KGS Speedline® MM-2A for efficient and fast polishing. Resin bond diamond polishing discs.

① ② ③

31615 31616 31617

€ 16,⁵⁰ € 16,⁵⁰ € 16,⁵⁰

∅ 100 mm Ⓜ 15 mm 📦 3 pcs.

Step 4 to 6

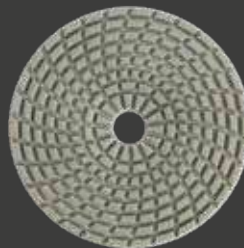
KGS FLEXIS® FF for perfect finishing without chemicals. Non woven frankfurt shaped pads for conventional drive boards.

1500 3000 8000

17575 17576 17577

€ 10,- € 10,- € 10,-

📏 90x92 mm 📦 5 pcs.



KGS Speedline® MM2A



KGS FLEXIS® FF

Floor cleaning & maintenance tools



KGS DIAMOND offers the special KGS FLEXIS® and KGS FLEXIS® HD pads for floor cleaning and maintenance. Can be used on floors including concrete, marble, terrazzo, unglazed ceramic tile, vinyl, linoleum etc.

KGS FLEXIS® - Diamond floor pads

KGS FLEXIS® technology for floor cleaning and maintenance combines high quality materials, science, practical experience and the spirit of “Swiss Diamond Technology®”, delivering the very best solutions for customers.

KGS engineers have worked with the world leaders in non-woven fiber technology to create a revolutionary cleaning pad material that provides the optimum balance of strength, durability and softness. The strength & durability of this material gives a very long lifetime under a broad range of working conditions. These qualities also allow the consumer to “push” the pad aggressively, working faster than normal, saving time & money. The “density” of the pad delivers an ingenious balance that maximizes cleaning performance while bringing an unmatched shine to most floor surfaces.

In addition, KGS scientists have incorporated proprietary abrasive technology normally applied in the aerospace industry for high precision surface finishing. The result of using this KGS diamond abrasive technology is superior polishing characteristics, fast removal of soils, long lifetime and repeatable performance.

The KGS Floor team has worked endless hours with customers in every part of the world to understand the demands in today’s cleaning industry. The KGS FLEXIS® system has cleaned millions of square meters of shopping malls, airports, hospitals, government buildings, schools, grocery stores and every other type of commercial space. KGS brings together the very best materials and science to provide superior results on every floor.

KGS FLEXIS® - Diamond floor pads

KGS DIAMOND pads are the ultimate solution on daily floor cleaning and polishing due to their unique technical properties. Designed, engineered and tested for the very best results. Make your cleaning & maintenance work easier

- ✓ Thick and strong 20 mm / 0.8" pads, consistent finish in all surfaces
- ✓ Proven long lasting results
- ✓ Terrazzo, marble, concrete, ceramic tiles, vinyl, plastic, linoleum, epoxy and acrylic floor

Standard line

Step 1 - Red pad, coarse grit 400

The red pad is mainly used for heavy duty surface cleaning. It is intended for deep cleaning and as a base to establish a good starting point for the rest of the process.

- ✓ Rough or very dirty surfaces
- ✓ Process starter / Occasional use



Step 2 - Blue pad, medium grit 800

The blue pad can be used for deep cleaning and produces an economical light reflective finish, most popular in large industrial and commercial applications.

- ✓ Very high traffic floors, dusty areas
- ✓ Occasional deep cleaning / Daily for light gloss



Step 3 - Yellow pad, fine grit 1500

The yellow pad is intended for both daily polishing and cleaning, produces a clear reflective shine.

- ✔ All floors / Maintenance
- ✔ Regular finish / Daily for high gloss



Step 4 - Green pad, very fine grit 3000

The green pad, used wet or dry, will finish off the four step process leaving a polish to your floor with the highest shine available. Daily use will maintain and improve the polish.

- ✔ All floors / Cleaning / Buff
- ✔ Daily for cleaning / Extra high gloss



Special line





Step 5 - Cream pad, ultra fine grit 8000

The cream 8000 pad for buffing wet or dry. Gives the surface a deep polish shine also called "Wet Look Shine". If it used daily, in combination or without the KGS DIAMOND green pad, it will maintain and improve the deep polish shine.







Overview KGS FLEXIS® Pads basic line

GOLD LINE

				
Ø6" / 150	17256 € 13, ⁵⁰	17257 € 11, ⁵⁰	17258 € 11, ⁵⁰	17259 € 11, ⁵⁰
Ø7" / 178	17260 € 14,-	17261 € 12,-	17262 € 12,-	17263 € 12,-
Ø8" / 203	17337 € 17,-	17338 € 14, ⁵⁰	17339 € 14, ⁵⁰	27494 € 14, ⁵⁰
Ø9" / 230	17264 € 18, ⁵⁰	17265 € 15, ⁵⁰	17266 € 15, ⁵⁰	17267 € 15, ⁵⁰
Ø10" / 255	17268 € 19, ⁵⁰	17269 € 17,-	17270 € 17,-	17271 € 17,-
Ø11" / 280	17272 € 21,-	17273 € 17, ⁵⁰	17274 € 17, ⁵⁰	17275 € 17, ⁵⁰
Ø12" / 305	17276 € 22, ⁵⁰	17277 € 18, ⁵⁰	17278 € 18, ⁵⁰	17279 € 18, ⁵⁰
Ø13" / 330	17280 € 24,-	17281 € 19, ⁵⁰	17282 € 19, ⁵⁰	17283 € 19, ⁵⁰
Ø14"/350	17284 € 28,-	17285 € 24, ⁵⁰	17286 € 24, ⁵⁰	17287 € 24, ⁵⁰
Ø15"/380	17288 € 31,-	17289 € 27,-	17290 € 27,-	17291 € 27,-
Ø16"/400	17292 € 32, ⁵⁰	17293 € 27, ⁵⁰	17294 € 27, ⁵⁰	17295 € 27, ⁵⁰
Ø17"/430	17296 € 33, ⁵⁰	17298 € 28,-	17300 € 28,-	17302 € 28,-
Ø18"/460	17304 € 34, ⁵⁰	17305 € 29, ⁵⁰	17306 € 29, ⁵⁰	17307 € 29, ⁵⁰
Ø20"/500	17308 € 38, ⁵⁰	17309 € 34, ⁵⁰	17310 € 34, ⁵⁰	17311 € 34, ⁵⁰
Ø21"/533	17312 € 38, ⁵⁰	17313 € 34, ⁵⁰	17314 € 34, ⁵⁰	17315 € 34, ⁵⁰
Ø22"/560	31524 € 48,-	31526 € 41, ⁵⁰	31527 € 41, ⁵⁰	31528 € 41, ⁵⁰
Ø24"/610	17316 € 55,-	17317 € 51,-	17318 € 51,-	17319 € 51,-
Ø27"/680	17320 € 64, ⁵⁰	17321 € 54, ⁵⁰	30390 € 54, ⁵⁰	17322 € 54, ⁵⁰

 10 pcs. Indicated prices are per piece.

Overview KGS FLEXIS® Pads special line **GOLD LINE**

				
Ø6" / 150	17371 € 13, ⁵⁰	17372 € 13, ⁵⁰	17373 € 13, ⁵⁰	17487 € 13, ⁵⁰
Ø7" / 178	17415 € 14,-	17416 € 14,-	17417 € 14,-	27507 € 14,-
Ø8" / 203	17462 € 17,-	17488 € 17,-	31501 € 17,-	17489 € 17,-
Ø9" / 230	17368 € 18, ⁵⁰	17367 € 18, ⁵⁰	17414 € 18, ⁵⁰	31502 € 18, ⁵⁰
Ø10" / 255	17490 € 19, ⁵⁰	17491 € 19, ⁵⁰	17492 € 19, ⁵⁰	27508 € 19, ⁵⁰
Ø11" / 280	17418 € 21,-	17419 € 21,-	17420 € 21,-	17493 € 21,-
Ø12" / 305	31504 € 22, ⁵⁰	31505 € 22, ⁵⁰	31506 € 22, ⁵⁰	17494 € 22, ⁵⁰
Ø13" / 330	31507 € 24,-	31508 € 24,-	31509 € 24,-	31510 € 24,-
Ø14"/350	31511 € 28,-	31512 € 28,-	31513 € 28,-	27509 € 28,-
Ø15"/380	17357 € 31,-	31514 € 31,-	31515 € 31,-	17495 € 31,-
Ø16"/400	17356 € 32, ⁵⁰	17374 € 32, ⁵⁰	17370 € 32, ⁵⁰	17428 € 32, ⁵⁰
Ø17"/430	17341 € 33, ⁵⁰	17340 € 33, ⁵⁰	17369 € 33, ⁵⁰	17429 € 33, ⁵⁰
Ø18"/460	31538 € 34, ⁵⁰	31516 € 34, ⁵⁰	31517 € 34, ⁵⁰	27510 € 34, ⁵⁰
Ø20"/500	17343 € 38, ⁵⁰	17342 € 38, ⁵⁰	17358 € 38, ⁵⁰	17440 € 38, ⁵⁰
Ø21"/533	31518 € 38, ⁵⁰	31519 € 38, ⁵⁰	31520 € 38, ⁵⁰	17438 € 38, ⁵⁰
Ø22"/560	31521 € 48,-	31522 € 48,-	31523 € 48,-	31529 € 48,-
Ø24"/610	31530 € 55,-	31531 € 55,-	31532 € 55,-	31533 € 55,-
Ø27"/680	31534 € 64, ⁵⁰	31535 € 64, ⁵⁰	31536 € 64, ⁵⁰	31537 € 64, ⁵⁰





KGS FLEXIS® HD Diamond floor pads

KGS DIAMOND has developed a completely new range of its revolutionary KGS FLEXIS® sheets with KGS diamond abrasive technology. The sheets are specifically designed for “high energy” oscillating floor machines and cleaning equipment.

This new KGS technology is based on decades of precision polishing in the most demanding industries, where KGS products are world leaders in performance.

The KGS FLEXIS® HD sheets will bring the absolute highest performance from any “high energy” oscillating floor machine. The KGS FLEXIS® HD system is easy to use, extremely versatile and will save you money. Using your rectangular floor cleaning equipment, you can clean, maintain and polish concrete, terrazzo and soft natural stone floors.

This special KGS diamond abrasive technology works wet or dry, at high or low speeds, with heavy or light equipment. There is no other technology available that matches the KGS FLEXIS® and KGS FLEXIS® HD product range!

KGS FLEXIS® HD - Diamond floor pads

Pads and sheets

KGS FLEXIS® HD pads are the ultimate solution on daily floor cleaning and polishing due to their unique technical properties. Superior performance compared to standard non woven pads on oscillating machines. Key Benefits are long life and works twice a fast as the competition. You need in general only 5 passes per grit, with these thin (10 mm) but very strong pads and their open weave pattern, manufactured in the EU. Available in circle and rectangle shape.



Key benefits

- ✓ Long life
- ✓ Works twice a fast as the competition
- ✓ Only 5 passes per grit
- ✓ 10mm thick pad
- ✓ Open weave
- ✓ EU manufactured

Working Benefits

- ✓ No need to protect large areas when working
- ✓ Easy to use reducing cleaning times
- ✓ More efficient than standard nonwoven pads
- ✓ No special skills required

Floor Types

- ✓ Terrazzo
- ✓ Marble
- ✓ Granite
- ✓ Concrete
- ✓ Ceramic tiles
- ✓ Vinyl
- ✓ Plastic
- ✓ Linoleum
- ✓ Epoxy
- ✓ Acrylic



KGS FLEXIS® HD easily maintains concrete, terrazzo and stone surfaces using only water. Exceptional productivity gains, with long life and high shine. Fewer pad changes means fewer stoppages, less downtime and long life results with less overheads. When cleaning or maintaining your floor, you become responsible for its safety and usage. You keep the risk under control while improving the general look of your floors.

Available grits

- 100 Aggressive, grit 100 (black)
- 200 Very Coarse, grit 200 (orange)
- 400 Course, grit 400 (red)
- 800 Medium, grit 800 (blue)
- 1500 Fine, 1500 (yellow)
- 3000 Very fine, grit 3000 (green)
- 8000 Ultra fine, grit (cream)



Overview KGS FLEXIS® HD Pads and Sheets **GOLD LINE**

KGS FLEXIS® HD Pads

100

200

400

800

1500

3000

8000

Ø 75 mm 3"	2014.02226	2014.02227	2014.02228	2014.02229	2014.02230	2014.02231	2014.02817
	€ 2, ⁵⁰	€ 2, ⁵⁰	€ 2, ⁵⁰	€ 2, ⁵⁰	€ 2, ⁵⁰	€ 2, ⁵⁰	€ 2, ⁵⁰
Ø 100 mm 4"	17397	17398	17399	17400	17401	17402	17403
	€ 2, ⁶⁵	€ 2, ⁶⁵	€ 2, ⁶⁵	€ 2, ⁶⁵	€ 2, ⁶⁵	€ 2, ⁶⁵	€ 2, ⁶⁵
Ø 115 mm 4,5"	2014.02007	2014.02008	2014.02009	2014.02010	2014.02011	2014.02012	2014.02819
	€ 3, ³⁰	€ 3, ³⁰	€ 3, ³⁰	€ 3, ³⁰	€ 3, ³⁰	€ 3, ³⁰	€ 3, ³⁰
Ø 125 mm 5"	17403	17404	17405	17406	17407	17408	17461
	€ 3, ⁶⁰	€ 3, ⁶⁰	€ 3, ⁶⁰	€ 3, ⁶⁰	€ 3, ⁶⁰	€ 3, ⁶⁰	€ 3, ⁶⁰
Ø 150 mm 6"	33014	33015	27499	27500	17409	27501	29619
	€ 4,-	€ 4,-	€ 4,-	€ 4,-	€ 4,-	€ 4,-	€ 4,-
Ø 180 mm 7"	2014.02025	2014.02026	2014.02027	2014.02028	2014.02029	2014.02030	2014.02821
	€ 5, ⁹⁰	€ 5, ⁹⁰	€ 5, ⁹⁰	€ 5, ⁹⁰	€ 5, ⁹⁰	€ 5, ⁹⁰	€ 5, ⁹⁰
Ø 203 mm 8"	2014.02031	2014.02032	2014.02033	2014.02034	2014.02035	2014.02036	2014.02822
	€ 6, ⁹⁰	€ 6, ⁹⁰	€ 6, ⁹⁰	€ 6, ⁹⁰	€ 6, ⁹⁰	€ 6, ⁹⁰	€ 6, ⁹⁰
Ø 430 mm 17"	2014.03559	2014.03560	28061	28062	28063	28064	2014.03566
	€ 33, ⁵⁰	€ 33, ⁵⁰	€ 33, ⁵⁰	€ 33, ⁵⁰	€ 33, ⁵⁰	€ 33, ⁵⁰	€ 33, ⁵⁰

Shape: circle

KGS FLEXIS® HD Sheets

100

200

400

800

1500

3000

8000

	2014.01995	2014.01996	2014.01997	2014.01998	2014.01999	2014.02000	2014.02804
210x115 mm 8"x4 ⁵ "	€ 5, ⁵⁰	€ 5, ⁵⁰	€ 5, ⁵⁰	€ 4, ⁷⁵	€ 4, ⁷⁵	€ 4, ⁷⁵	€ 5, ⁵⁰
250x125 mm 9 ⁸ "x5"	tba	tba	17548	17549	17550	17551	tba
	€ 8, ⁷⁵	€ 8, ⁷⁵	€ 8, ⁷⁵	€ 8, ¹³	€ 8, ¹³	€ 8, ¹³	€ 8, ⁷⁵
270x135 mm 10"x 5 ²⁵ "	tba	tba	27546	27547	27548	27549	tba
	€ 12, ²⁵	€ 12, ²⁵	€ 12, ²⁵	€ 11, ⁵⁰	€ 11, ⁵⁰	€ 11, ⁵⁰	€ 12, ²⁵
400x200 mm 16"x 8"	2014.02188	2014.02189	17432	17433	17434	17435	2014.02805
	€ 23,-	€ 23,-	€ 23,-	€ 18,-	€ 18,-	€ 18,-	€ 23,-
460x305mm 18"x 12"	2014.01989	2014.01990	2014.01991	2014.01992	2014.01993	2014.01994	2014.02806
	€ 35,-	€ 35,-	€ 35,-	€ 29,-	€ 29,-	€ 29,-	€ 35,-
510x360 mm 20"x 14"	17375	17376	17377	17378	17379	17380	17436
	€ 46,-	€ 46,-	€ 46,-	€ 41,-	€ 41,-	€ 41,-	€ 46,-
610x360 mm 24"x 14"	17381	17382	17383	17384	17385	17386	2014.02807
	€ 55,-	€ 55,-	€ 55,-	€ 49,-	€ 49,-	€ 49,-	€ 55,-
710x360 mm 28"x 14"	17387	17388	17389	17390	17391	17392	2014.02808
	€ 62,-	€ 62,-	€ 62,-	€ 56,-	€ 56,-	€ 56,-	€ 62,-
810x360 mm 32"x 14"	17381	17382	17383	17384	17385	17386	2014.02807
	€ 76,-	€ 76,-	€ 76,-	€ 68,-	€ 68,-	€ 68,-	€ 76,-

Shape: rectangle

Treatment and care



KGS DIAMOND offers a complete range for cleaning and protecting stone and ceramic surfaces. Alkaline cleaners (concentration varies depending on requirements) remove organic residues, acidic cleaners' inorganic residues. The product range is supplemented by water-based cleaners for daily use and special cleaners. To protect stone surfaces, KGS also offers solvent-based or water-based impregnations with or without deepening the color.

PH Value

The measurement of acidity or alkalinity of a water based solution

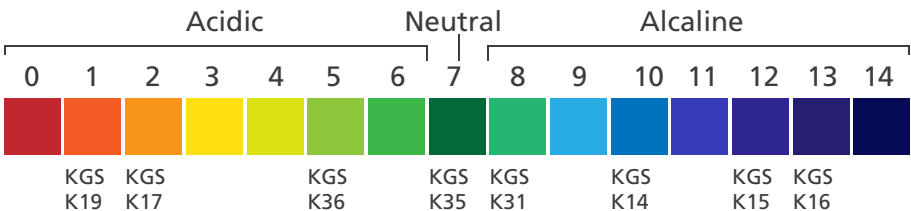
The pH scale in scientific terms, is an inverse logarithmic representation of hydrogen proton (H+) concentration. pH (potential of hydrogen) is a scale measuring the acidity or alkalinity of a water based solution.

The pH of a solution measures the hydrogen ion concentration in that solution. A low pH corresponds to high hydrogen ion concentration and a high pH corresponds to a low hydrogen ion concentration. If a substance when added to water increases the concentration of hydrogen ions (lowers the pH) its called an acid. If a substance reduces the concentration of hydrogen ions (raises the pH) its called alkaline or basic. For ease of understanding we can view the pH scale as a range of 0 to 14, see below.

A pH of 7 is neutral, a pH less than 7 is acidic, a pH greater than 7 is alkaline or basic. Each whole pH value below 7 is ten times more acidic than the next higher value. For example, a pH of 4 is ten times more acidic than a pH of 5 and 100 times (10 times 10) more acidic than a pH of 6. The closer to pH 0 you go, the more strongly acidic a solution is.

The same holds true for pH values above 7, each of which is ten times more alkaline than the next lower whole value. For example, a pH of 10 is ten times more alkaline than a pH of 9. Substances having a pH higher than 9 and lower than 5, are bad for the skin. They can also affect various materials.

When chemicals are mixed with water, the mixture can become either acidic or alkaline. Acidic and alkaline are two extremes that describe chemicals. Mixing acids and alkalines can even out their extreme effects.



Function of acidic cleaners

If a solution has a pH that is lower than 7, that solution is considered acidic. Acids are usually sour or bitter, coffee, cola, and lemon juice. All have an acidic pH. When used in cleaning products, acids help to break down difficult stains like rust or mineral deposits.

Function of alkaline cleaners

A solution with a pH that is higher than 7 is basic (sometimes referred to as alkaline). Products with basic pH values are useful for removing fatty and oily soils from surfaces – including your hands! Your average bottle of hand soap has a pH of 9 or 10. Bleach, which is useful for cleaning and disinfecting surfaces in your home, has a pH of 12.5.

Working with (strong) acid and alkaline detergents entails risks. Never mix cleaning products together. When, for example, chlorine bleach and an acid are mixed with each other, there arises a harmful chlorine gas. Mixing acid and alkaline cleaners also has no use, because they cancel each other's effect then.



NORMAL CLEANERS

KGS Cleaner LF

KGS Cleaner LF (solvent-free) for removing fresh adhesive residues, fresh seal residues as well as tar and bitumen splashes.

- ✓ Cleaner for removing fresh glue
- ✓ Cleaner for removing light to medium dirt
- ✓ Cleaner for the removal of production residues
- ✓ Oil and grease remover
- ✓ Solvent free
- ✓ For all stone or ceramic surfaces
- ✓ For all polished or ground surfaces
- ✓ Applicable inside and outside

Content	Art.no.	Price
1000 ml	19258	€ 19, ⁹⁵



KGS K14 Deep Cleaning

K14 Concentrated alkaline cleaner and degreaser. Effective removal of heavy dirt, organic oils and grinding residues.

- ✓ Diluted cleaner for daily use
- ✓ Cleaner for medium to heavy soiling as a concentrate
- ✓ Alkaline cleaner pH 10-11
- ✓ Depending on the dilution for light to heavy soiling
- ✓ For all polished or ground surfaces
- ✓ For all stone or ceramic surfaces
- ✓ Removes impregnation in a concentrated form
- ✓ Prevents mold growth
- ✓ Biodegradable
- ✓ Concentrate, can be diluted
- ✓ Applicable inside and outside

Content	Art.no.	Price
1000 ml	24260	€ 13, ⁹⁰



STRONG CLEANERS

KGS K12 Multicleaner

K12 Solvent-based multi-purpose cleaner for removing wax and Seals. Effective cleaning of all types of polished and satin Stones, tiles, water and solvent resistant surfaces. Away Sealers, stain protection agents and processing residues.

- ✓ Cleaner for removing fresh glue
- ✓ Cleaner for the quick removal of impregnation
- ✓ Medium dirt cleaner
- ✓ Cleaner for the removal of production residues
- ✓ Contains solvents
- ✓ For all stone or ceramic surfaces
- ✓ For all polished or ground surfaces
- ✓ Applicable inside and outside

Content	Art.no.	Price	
1000 ml	24259	€ 19, ⁹⁰	! Not for plastic.



KGS K19 Cement Film Remover

K19 Acidic special cleaning agent from a combination of different acids, ideal for removing mortar, cement and adhesive residues, Limescale deposits, mortar, efflorescence salts.

- ✓ Strong acidic cleaner pH 1
- ✓ For heavy lime contamination
- ✓ For the removal of joint residues
- ✓ For the removal of cement veil
- ✓ Please dilute for light soiling
- ✓ For granite, cast stone and unglazed ceramics
- ✓ Applicable inside and outside

! Be careful with polished materials, plastic, aluminum, and marble-like stones that contain a lot of lime

Content	Art.no.	Price
1000 ml	24272	€ 13, ⁹⁰



VERY STRONG CLEANERS

KGS K15 Heavy Cleaner

K15 Very strong, concentrated, alkaline cleaner. To remove Impregnation and stubborn dirt.

- ✓ Strongly alkaline cleaner pH 12
- ✓ Cleaner for heavy to very heavy soiling
- ✓ For all ground surfaces
- ✓ For all stone or ceramic surfaces
- ✓ Removes impregnation
- ✓ Prevents mold growth
- ✓ Biodegradable
- ✓ Concentrate, can be diluted
- ✓ Oil and grease remover
- ✓ Applicable inside and outside

! Attention on plastic, aluminium, polished Marble and Composite

Content	Art.no.	Price
1000 ml	28328	€ 24, ⁹⁵



FLOOR CLEANING

KGS K31 Floor clean

K31 pH neutral cleaner for everyday use. Removes normal dirt and grease and leaves a nice shine on the surface. For all types of water-resistant floors such as natural stone, concrete, ceramic or linoleum. Must be diluted.

- ✓ pH neutral cleaner
- ✓ For daily cleaning of all types of floors
- ✓ Biodegradable
- ✓ For light soiling
- ✓ Applicable inside and outside

Content	Art.no.	Price
1000 ml	28327	€ 24, ⁹⁵





PROTECT

KGS K25 Blue Stone Oil

Impregnation based on solvents

K25 Impregnation with ingredients from natural oils, for better protection and shine of the Belgian bluestone.

- ✓ Water repellent
- ✓ Permeable to moisture (rising moisture can diffuse out)
- ✓ Protects against daily contaminants such as water, oil and coffee
- ✓ Suitable for floors, worktops and wet areas
- ✓ UV-resistant
- ✓ Effective protection against efflorescence, discoloration and oxidation stains
- ✓ Applicable on polished and rough stone surfaces
- ✓ Slightly color-intensifying effect
- ✓ Maintains the natural appearance of the stone
- ✓ Applicable inside and outside

Content	Art.no.	Price
250 ml	24264	€ 14, ⁹⁵



WATER BASED IMPREGNATION

KGS K30 Stainstop W Honed

Not color enhancing

K30 Water-based surface care product. Suitable for satin and structured surfaces such as granite, marble, limestone, natural and artificial stone, terracotta, slate, quarry stone slabs, concrete, cast stone.

- ✓ Granite and marble
- ✓ Unpolished natural stone
- ✓ Concrete

Content	Art.no.	Price
1000 ml	24268	€ 28, ⁵⁰



KGS K32 Stainstop W Plus

Not color enhancing

K32 Water-based impregnation for polished and polished marble, granite, natural stone, cast stone, terracotta and terrazzo.

- ✓ Granite and marble
- ✓ Polished natural stone
- ✓ Concrete and terrazzo

Content	Art.no.	Price
1000 ml	28329	€ 29, ⁵⁰
5000 ml	24276	€ 139, ⁹⁰



SOLVENT BASED IMPREGNATION

KGS K20 Zip & Shine

K20 Solvent-based impregnation with color enhancing to protect polished and satin stone surfaces, which includes hairline cracks and blemishes in granite and natural stone slabs.

- ✓ Granite and marble
- ✓ Natural stone
- ✓ Unpolished engineered stone

Content	Art.no.	Price
1000 ml	24265	€ 42,-
5000 ml	24267	€ 199, ⁵⁰



KGS K21 Platinum

K21 Solvent-based stain protection, suitable for all satin or polished surfaces such as granite, marble, natural stone, artificial stone, terracotta, porcelain, quarry stone or cast stone.

- ✓ Granite and marble
- ✓ Natural stone
- ✓ Engineered stone
- ✓ Concrete and terrazzo

Content	Art.no.	Price
5000 ml	24273	€ 227, ⁵⁰



KGS K28 Stain Guard

K28 Solvent-based stain protection, suitable for all satin or polished surfaces such as granite, marble, natural stone, artificial stone, terracotta, porcelain, quarry stone or cast stone.

- ✓ Granite and marble
- ✓ Natural stone
- ✓ Engineered stone
- ✓ Concrete and terrazzo

Content	Art.no.	Price
1000 ml	24275	€ 29, ⁵⁰



KGS Total Clean – Universal Set

KGS Total Clean set contains

- ✓ KGS Total Clean Daily Cleaner
250 ml with Sprayer
- ✓ KGS Total Clean Intensive
Cleaner 250 ml
- ✓ 1 Mikrofiber Cloth



Product specifications

Art.no.	Price
39433	€ 19, ⁹⁵

Daily Cleaner 250 ml with Sprayer

Slightly alkaline cleaner for daily cleaning of all surfaces.

- ✓ Daily use cleaner
- ✓ Alkaline pH 10
- ✓ For all polished and rough surfaces
- ✓ For stone and ceramics
- ✓ For light to medium soiling
- ✓ Ready to use
- ✓ Applicable inside and outside

Content	Art.no.
250 ml	39435



Intensive Cleaner 250 ml

Intense, strong cleaner for the removal of stubborn dirt. Can be used on granite, marble, concrete, engineered stone and ceramics.

- ✓ Cleaner for stuck impurities
- ✓ Alkaline cleaner pH 14
- ✓ For all polished or ground surfaces
- ✓ For all stone or ceramic surfaces
- ✓ For light to heavy soiling
- ✓ Can also be used diluted
- ✓ Ready to use!
- ✓ Applicable inside and outside

Content	Art.no.
250 ml	39434



KGS PRODUCTS FOR THE REMOVAL OF DIRT, IMPREGNATION AND OTHER IMPURITIES.

Stain	Product	M	G	E	C _{ER}	C
Tape	KGS Cleaner LF	x	x	x	x	x
Lime Contamination	KGS K19 Cement Film Remover		x		x	
Bitumen, Tar	KGS Cleaner LF	x	x	x	x	x
Blood	KGS K12 Multicleaner	x	x	x	x	x
Grease	KGS Daily Cleaner	x	x	x	x	x
Degreaser	KGS K14 Deep Cleaning	x	x	x	x	x
Felt tip pen	KGS K12 Multicleaner or KGS Cleaner LF	x	x	x	x	x
Fresh Lime	KGS K12 Multicleaner or KGS Cleaner LF	x	x	x	x	x
Plaster	KGS K19 Cement Film Remover		x		x	x
Moos, Algae	KGS K15 Heavy Cleaner	x	x	x	x	x
Verdigris	KGS K19 Cement Film Remover		x		x	x
Rubber	KGS K14 Deep Cleaning	x	x	x	x	x
Resin	KGS Cleaner LF	x	x	x	x	x
Impregnation	KGS K15 Heavy Cleaner	x	x	x	x	x
Coffee	KGS K14 Deep Cleaning	x	x	x	x	x
Lime Residues	KGS K19 Cement Film Remover – diluted		x		x	x
Candle wax	KGS K12 Multicleaner	x	x	x	x	x
Paints	KGS K12 Multicleaner	x	x	x	x	x
Fruit and vegetable residues	KGS K15 Heavy Cleaner	x	x	x	x	x
Oil	KGS K12 Multicleaner or KGS Cleaner LF	x	x	x	x	x
Rust	KGS K19 Cement Film Remover		x		x	
Mold/mildew	KGS Intensive Cleaner or KGS K15 Heavy Cleaner	x	x	x	x	x
Daily Cleaning	KGS Daily Cleaner	x	x	x	x	x
Ink	KGS K12 Multicleaner	x	x	x	x	x
Urine	KGS K19 Cement Film Remover – diluted	x	x	x	x	x
Wax	KGS K12 Multicleaner	x	x	x	x	x
Wine	KGS K14 Deep Cleaning	x	x	x	x	x
Cement film	KGS K19 Cement Film Remover	x	x	x	x	x



Adhesives



KGS DIAMOND offers a small serie of adhesives designed to meet the needs of the stone industry. Construction adhesives based on PU or epoxy, CA adhesives for special applications as well as MS polymers for the flexible bonding of different materials meet the requirements of the stone sector.

From liquid to gel-like, from fast to slow-setting, from high final strength to high flexibility, KGS DIAMOND offers a tested solution for almost all gluing applications.

KGS Cyanoacrylate

Glue for quick bonding of non-structural or reinforcing (construction) parts. Good adhesion to stone, plastic, rubber, HPL, sandwich panels and wood.

Cures within a few seconds when the activator is used (see bottom of the page). Achieves an immediate functional strength.

Product specifications

Cyanoacrylate CA1250

Viscosity 280 mPa.s. (liquid).

Content	Art. no.	Price
500 ml	19260	€ 19, ⁵⁰

Benefits

- ✓ Good impact strength
- ✓ Good resistance to aging
- ✓ Good moisture resistance

Cyanoacrylate CA1500

Viscosity 1500 mPa.s. (gel-like)

Content	Art. no.	Price
500 ml	19259	€ 19, ⁵⁰



KGS Activator

The activator cures the cyanoacrylate within seconds. Achieves an immediate functional strength.

Product specifications

Content	Art. no.	Price
200 ml	19264	€ 6,-
5000 ml	19265	€ 59,-



KGS MS Polymer

KGS K55 MS Polymer, a powerful elastic sealant and adhesive. Ideal for bonding upstands for countertops, rear walls and sinks.

The KGS K55 MS Polymer kit is very suitable for jobs where high elasticity between two different parts is required. The MS polymer is available in three colours: black, grey, white and also transparent

Benefits

- ✔ High intake of torsional forces
- ✔ High impact resistance
- ✔ High tensile adhesion
- ✔ Very good adhesion to metals, glass, plastics, stone
- ✔ Highly flexible after curing
- ✔ Hardness 60 A
- ✔ Breaking strength 300%
- ✔ Curing: 2 - 3 mm per 24 hours.
- ✔ For indoor and outdoor use
- ✔ No shrinkage

Product specifications

Colour	Art. no.	Price
Black	19240	€ 6, ⁹⁰
Grey	19238	€ 6, ⁹⁰
Transparent	19241	€ 6, ⁹⁰
White	19239	€ 6, ⁹⁰

Content 290 ml





KGS PU Glue Cartridge

Due to the high strength forces the KGS PU serie is excellent for constructive bonding of stiffening profiles. Different kind of materials can be joined easily. Because of the high strength of the KGS PU serie, high bending forces are absorbed by the glue before the stone is breaking. This increases the stability of your worktop.

The bonding of two or more very dense materials isn't any problem for the PU serie. When using the PU serie (a 2-component adhesive cartridge), the KGS mixertip is required to avoid mixing errors.

Benefits

- ✔ High final strength
- ✔ Shore hardness 85 D
- ✔ High flexural strength
- ✔ High tensile strength
- ✔ Heat resistant up to 110°C
- ✔ For indoor and outdoor use
- ✔ Non foaming
- ✔ No shrinkage



Fast PU glue

KGS PU-1001 (white) and KGS PU-1011 (black). Fast functional strength (next workstation): after about 30 min.

Type	Content	Colour	Art. no.	Price
PU-1001	2x310 ml	White	19244	€ 24, ⁵⁰
PU-1011	2x310 ml	Black	19246	€ 24, ⁵⁰



Super fast PU glue

KGS PU-2001(white) and KGS PU-2011 (black). Fast functional strength (next workstation): after about 15 min.

Type	Content	Colour	Art. no.	Price
PU-2001	2x310 ml	White	19245	€ 24, ⁵⁰
PU-2011	2x310 ml	Black	27231	€ 24, ⁵⁰



KGS Mixertips

Very high quality mixertips

Use for	Art. no.	Price
2x310 ml	19280	€1, ⁶⁰



KGS PU-2001 Cartridge Glue Fast

KGS PU-2001 glue 2x25ml for a quick mounting job. Due to the high strength forces the KGS PU series is excellent for fast constructive bonding. This small version of PU adhesive is ideal for repairs. Very suitable for small jobs on location or in the workshop.

Product specifications

Content	Art. no.	Price
2x25 ml	19251	€ 7, ⁵⁰



KGS Mixertips

Very high quality mixertips

Use for	Art. no.	Price
2x25 ml	39665	€ 1, ⁶⁰



KGS PU-1020

KGS PU 1020 is a low viscosity polyurethane adhesive, designed for construction joints that require high strength. Its very fast curing time means that you can work quickly on newly made joints. The PU-1020 is ideal for filling back grooves, which serve to stabilize cutouts with incorporated GRP rods (KGS reinforcement rods, see page 165).

- ✔ Low-viscosity
- ✔ Functional after 15 min.
- ✔ Pot life 3 min.
- ✔ Processing time 90 sec.

Product specifications

Colour	Art. no.	Price
White	34284	€ 32, ⁵⁰

KGS Mixertips

Very high quality mixertips

Use for	Art. no.	Price
2x310 ml	19280	€1, ⁶⁰



KGS PU 3025 Glue

KGS PU 3025 A/B is a liquid 2-component surface adhesive. After curing, the adhesive has a high breaking resistance. Therefore the breaking strength on sandwich slabs is increased. For ceramic, composite, granite and GFK. Also suitable for bonding ceramic slabs.

Benefits

- ✔ High final strength
- ✔ High shear strength
- ✔ High flexural strength
- ✔ High tensile strength
- ✔ Very good adhesion to metals
- ✔ Shore hardness 85 D
- ✔ Functions after approx 2.5 hrs
- ✔ Long processing time of about 40 minutes
- ✔ Heat resistant up to 110°C
- ✔ For indoor and outdoor
- ✔ Non foaming
- ✔ No shrinkage
- ✔ Low viscosity

*Please use a mixing paddle to avoid mixing errors. Rapid curing agent.

Product specifications

Content	Art. no.	Price
4,6 kg + 1,2 kg	19249	€ 79, ⁵⁰



KGS Epoxy 4000 Glue

KGS Epoxy 4000 A/B is a gel-like 2-component adhesive for the non-positive, rigid bonding of plates /materials of different kinds. Excellent adhesion to granite, composite and ceramic. The KGS Epoxy glue is transparent and UV resistant after curing. This makes the KGS Epoxy very well suited for “invisible” joints in the field of view.

Benefits

- ✔ High intake of torsional forces
- ✔ High shear strength
- ✔ High tensile strength
- ✔ Very good adhesion to metals
- ✔ Shore hardness 85 D
- ✔ High E modulus of 3200 MPa
- ✔ Functions after approx. 6 hours
- ✔ Cured after 24 hours
- ✔ Processing time 30 minutes
- ✔ Heat resistant up to 110°C
- ✔ For indoor and outdoor
- ✔ No shrinkage
- ✔ MV 2:1 (100 : 50 GT)
- ✔ Inside and outside use

*Please use a mixing paddle to avoid mixing errors. Slow hardening.

Product specifications

Content	Art. no.	Price
200 ml	19263	€ 82, ⁹⁵



Guns for KGS PU Glue, 2x310 ml

KGS pneumatic gun, heavy duty version

Art. no. Price
33608 € 399,-



KGS pneumatic gun

Art. no. Price
19269 € 375,-



KGS handgun

Art. no. Price
19268 € 117,-



Guns for KGS PU Glue, 2x25 ml

KGS handgun, small

Art. no. Price
19273 € 34,⁹⁵



Gun for KGS MS Polymer 310 ml

KGS handgun MS Polymer

Art. no. Price
19277 € 29,⁹⁵





2-C-PUR adhesive
4.4 High Adhesive
Epoxy PUR 2-component

Hand-held machines



KGS DIAMOND offers a small assortment of electric and pneumatic machines. The use of hand-held machines with adjustable speeds are commonplace in order to use the diamond grinding and polishing technology properly and universally.

KGS DIAMOND, using proprietary “Swiss Diamond Technology,” is a world renowned expert in grinding and polishing solutions for stone and ceramic processing. As a manufacturer, our goal is to be your most important partner in meeting your grinding and polishing needs.

Electric machines dry

Flex 1506 VR 230V

Electrical angle grinder for dry use, with variable speed. Made in Germany.

Technical specifications

- ✔ Tool fixture: M14
- ✔ Diameter: max. Ø125 mm
- ✔ No load speed: 2200 – 6800 rpm
- ✔ Power consumption: 1200 watt
- ✔ Power output: 700 watt
- ✔ Cable length: 4 m
- ✔ Weight: 1.9 kg
- ✔ Suitable for cutting and polishing

Product specifications

Art. no. Price
21103 € 284,-



Flex L8-11 125 800 W

800 watt angle grinder, 125 mm. Highly efficient and resilient motor for more power output. Longer service life thanks to optimised cooling and revised carbon geometry. Anti-Kickback - this shuts down the motor if the disc being blocked. Extremely light and handy. Compact, narrow and ergonomic shape.

Technical specifications

- ✔ Tool fixture: M14
- ✔ Diameter: max. Ø125 mm
- ✔ No load speed: 11500 rpm
- ✔ Power input: 800 watt
- ✔ Power output: 460 watt
- ✔ Cable length: 4 m
- ✔ Weight: 2 kg
- ✔ Suitable for cutting

Product specifications

Art. no. Price
34316 € 119,-



Cordless angle grinder dry

Flex L 125 18V

incl. 2 batteries, charger and box.

Electronic management system (EMS) protects the machine, extends the service life, and increases efficiency.

Technical specifications

- ✓ Tool fixture: M14
- ✓ Diameter: max. Ø125 mm
- ✓ No load speed: 8500 rpm
- ✓ Suitable for cutting
- ✓ Battery voltage: 18 V
- ✓ Battery capacity: 5 A h
- ✓ Weight without battery: 1.75 kg

Product specifications

Art. no. Price
29235 € 399,-



Flex battery 18V for Flex L 125

Technical specifications

- ✓ Battery voltage: 18 V
- ✓ Battery capacity: 5 A h
- ✓ Weight: 0.72 kg

Product specifications

Art. no. Price
34342 € 118,-



Flex charger for Flex L 125 18V battery

Technical specifications

- ✓ Charging 10.8 and 18.0 V battery packs
- ✓ Large-format LCD display for battery diagnostics and charge levels
- ✓ Charging time: approx 50 min for 18.0 V / 5.0 A h

Product specifications

Art. no. Price
34343 € 62,²⁰



Electric machines wet

FLEX L12-3 100 wet PRCD wet polishing machine

Electrical angle grinder for wet use (central waterfeed), with electrical safety switch. Great ergonomics. Made in Germany.

Technical specifications

- ✔ Tool fixture: M14
- ✔ Diameter: Max. Ø 115 mm
- ✔ No load speed: 1200 – 3700 rpm
- ✔ Power consumption: 1150 Watt
- ✔ Power output: 700 Watt
- ✔ Cable Length: 4 m
- ✔ Weight: 2.4 kg

Product specifications

Art. no. Price
21106 €459,-



Dry Air Grinder

KGS PSK 3 pneumatic Angle Grinder. Specially developed for KGS K-Loc series (see page 76). Super compact and powerful.

Technical specifications

- ✔ Tool fixture: 1/4"R
- ✔ Speed: 15000 rpm
- ✔ Weight: 0.9 kg

Product specifications

Art. no. Price
21102 €191,-



Wet air grinder

KGS PGW 5 pneumatic Angle Grinder

High quality air driven angle grinder for wet use (central waterfeed). Little vibration and sound with excellent power and performance. The housing is made of die cast materials with a long service life. The KGS PGW 5 has a regulator for the variable control of the air volume. For 100 and 115 mm back-up pads.

With reversible side handle, light and compact design, very suitable for single hand operation. Rubber cuff protects the hands from cold, exhaust air is blown back out of the hose so that the operator does not get cold hands.

Technical specifications

- ✔ Tool fixture: M14
- ✔ Diameter: max. diamond polishing disc Ø115 mm
- ✔ No load speed: Max. 5000 rpm
- ✔ Power consumption: 321 Watt
- ✔ Weight: 1.27 kg
- ✔ Air consumption: 430 l/m
- ✔ Air pressure: 6,2 Bar
- ✔ Sound level dB(A): 84
- ✔ Vibration: <2.5 m/s²
- ✔ Speed control: variable
- ✔ Water outlet: central

Product specifications

Art. no. Price
21101 € 349,-



Accessories



KGS DIAMOND offers a comprehensive range of accessories and spare parts. Good equipment, determined by the different processes and uses, lays an optimal foundation and has a direct influence on the grinding and polishing result.

With the KGS DIAMOND accessories you are well equipped! We will help you during the selection process to find the perfect products and achieve the best results.

KGS Back-Up Pad M14 Velcro®

Back-up pad with Velcro® connection, standard for KGS DIAMOND polishing discs.

Ø	Art. no.	Price
100	21923	€ 7, ⁵⁰
115	21449	€ 8, ⁸⁹
125	21455	€ 9, ⁹⁵

↔ M14 + Velcro 📦 1 pcs.



KGS Back-Up Pad flexible rubber M14 Velcro®

Flexible rubber back-up pad with Velcro® connection, for KGS DIAMOND polishing discs. Especially for grinding and polishing of geometric shapes and curves.

Ø	Art. no.	Price
100	22007	€ 22,-

↔ M14 + Velcro® 📦 1 pcs.



KGS Back-Up Pad M14 Velcro® with 10 mm Foam

Back-up pad with Velcro® connection and industrial foam for more flexibility and a softer grind. Perfect for KGS DIAMOND polishing discs.

Ø	Art. no.	Price
100	21451	€ 12, ³²
115	21918	€ 14, ²³
125	21916	€ 15, ⁴⁸

↔ M14 + Velcro® 📦 1 pcs.







KGS M14 Back-Up Pad Aluminum

Aluminium adapter with Velcro® for 100% stability and maximum pressure on your workpiece.

Tip: we recommend an aluminium back-up pad for every KGS Speedline® ORG or KGS Hybrid® PRO grit. That protects the hook & loop closure and offers good operation of the diamond polishing discs.

Product specifications

Art. no. Price

29800 € 28,⁵⁰

Ø 100 ↔ M14 📦 1 pcs.



KGS SF/ Velcro® Back-Up Pad Ø100

Ø	Art. no.	Price
100	17128	€ 8, ²⁴

←> SF (snail fit) + Velcro®  1 pcs.



KGS Back-Up Pad CLS System, M14

KGS back-up pad (Velcro) with CLS System for KGS Hybrid® PRO CLS range.

Ø	Art. no.	Price
100	21462	€ 11, ⁵⁵

←> M14 + Velcro®  1 pcs.



KGS Aluminum Snail Coupling Adapters with Rubber

Ø	Art. no.	Price
100	21359	€ 35, ³⁰
130	21361	€ 66, ¹⁵

←> M14 + SF (snail fit)  1 pcs.



KGS Aluminum Snail Coupling Adapters without Rubber

Ø	Art. no.	Price
100	21360	€ 45, ¹⁵
130	21362	€ 63,-

←> M14 + SF (snail fit)  1 pcs.



KGS Rubber Coupling

KGS Rubber Coupling with M14 / M14.

Ø	Art. no.	Price
60	21367	€ 49,-
75	21365	€ 69,-

←> M14  1 pcs.



KGS Apron

For protection during work.

Type	Art. no.	Price
Grey 160 long x 90 with rope	21315	€ 22, ⁵⁰
Grey 160 long x 90 with quick release	21594	€ 45, ⁴⁰



KGS Filter Bag

KGS filter bag for water purification in different sizes.

Dimension	Art. no.	Price
60 x 110 cm	21778	€ 1, ²⁵
65 x 135 cm (with lifting loop)	21341	€ 2, ⁹⁹
65 x 65 x 70 cm	21747	€ 4, ⁹⁹
95 x 95 x 110 cm	21748	€ 5, ⁹⁹



KGS Reinforcement Rod

GRP strengthening bar to reinforce any material across sink cutouts. A non-rusting alternative to traditional steel rods. Good in combination with KGS PU-1020 (see page 149).

Dimension	Art. no.	Price
10x3mm 100mtr a roll	21407	€ 69,-



KGS Lambswool Cleaning Disc

KGS cleaning disc made of lambswool is very suitable for polishing natural stone, composite, bluestone, marble, terrazzo, concrete, ceramics, and granite.

KGS polishing disc made of lambswool can be used for polishing, impregnation, cleaning and for rubbing of polishing paste.

Product specifications

Art. no. Price

21557 € 15,-

Ø 150 ↔ Velcro® 📦 1 pcs.



KGS Measuring Tapes

KGS measuring tapes class II.

Type	Art. no.	Price
3 meter x 16 mm, with clip	21576	€ 3, ⁶⁰
5 meter x 19 mm, with clip	21577	€ 7,-





Safety

Always read the safety instructions

Abrasive products improperly used can be very dangerous.

- ✔ Always follow the instructions provided on the product and by the machine supplier.
- ✔ Ensure that the abrasive product is suitable for its intended use. Always examine all products for damage when re-using or defects upon first use.
- ✔ Follow the correct procedures for handling and storage of the products.

Be aware of the hazards likely during the use of abrasive products and observe the recommended precautions to be taken







- ✔ Bodily contact with the abrasive product at operating speed
- ✔ Injury resulting from product breakage during use
- ✔ Grinding debris, sparks, fumes and dust generated by the grinding process
- ✔ Noise / vibration

Please refer to the relevant EN standard for detailed information.

- ✔ EN12413 for Bonded Abrasives.
- ✔ EN13236 for Superabrasives.
- ✔ EN13743 for Specific Coated Abrasives

Never use a machine that is not in good working condition or one with defective parts. Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties.

Work safe!

-  Wear eye protection (ISO 7010)
-  Wear a mask (ISO 7010)
-  Wear hearing protection (ISO 7010)
-  Wear gloves and necessary protective clothing.
-  Always take into consideration the correct provided working indications as wet, dry or hybrid tools.
- 

Usage

Respect the maximum speed

Find the wheel's maximum speed rating, and don't surpass that speed. Exceeding the rated speed by even a small amount can result in considerable added stress on the wheel, putting operator safety at risk.

Reference speed conversion table

	Maximim operating speed m/s									
	Speed of Rotation 1/m									
	16	20	25	32	35	40	45	50	63	80
6	51000	64000	80000	102000	112000	128000	143240	160000	201000	-
8	38200	48000	60000	76500	84000	95500	107430	120000	150500	191000
10	30600	38200	48000	61200	67000	76500	86000	95500	120500	153000
13	23550	29500	35600	47100	51500	58800	66500	73500	92600	118000
16	19100	23900	29850	38200	41800	47800	54000	59700	75200	95500
20	15300	19100	23900	30600	33500	38200	43000	47800	60200	76500
25	12300	15300	19100	24500	26800	30600	34400	38200	48200	61200
32	9550	11950	14950	19100	20900	23900	26900	30000	37600	48000
40	7650	9550	11950	15300	16750	19100	21500	23900	30100	38200
50	6150	7650	9550	12250	13400	15300	17200	19100	24100	30600
63	4850	6100	7600	9750	10650	12150	13650	15200	19100	24300
80	3850	4800	6000	7650	8400	9550	10750	12000	15100	19100
100	3100	3850	4800	6150	6700	7650	8600	9550	12100	15300
115	2700	3350	4200	5350	5850	6650	7500	8350	10500	13300
125	2450	3100	3850	4900	5350	6150	6900	7650	9650	12250
150	2050	2250	3200	4100	4500	5100	5750	6400	8050	10200
180	1700	2150	2700	3400	3750	4250	4800	5350	6700	8500
200	1550	1950	2400	3100	3350	3850	4300	4800	6050	7650
230	1350	1700	2100	2700	2950	3350	3750	4200	5250	6650
250	1250	1550	1950	2450	2700	3100	3450	3850	4850	6150
300	1050	1300	1600	2050	2250	2550	2870	3200	4050	5100
350/356	875	1100	1400	1750	1950	2200	2450	2750	3450	4400
400/406	765	960	1200	1550	1700	1950	2150	2400	3050	3850
450/457	680	850	1100	1400	1500	1700	1950	2150	2700	3400
500/508	615	765	960	1250	1350	1550	1750	1950	2450	3100
600/610	510	640	800	1050	1150	1300	1450	1600	2050	2550







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