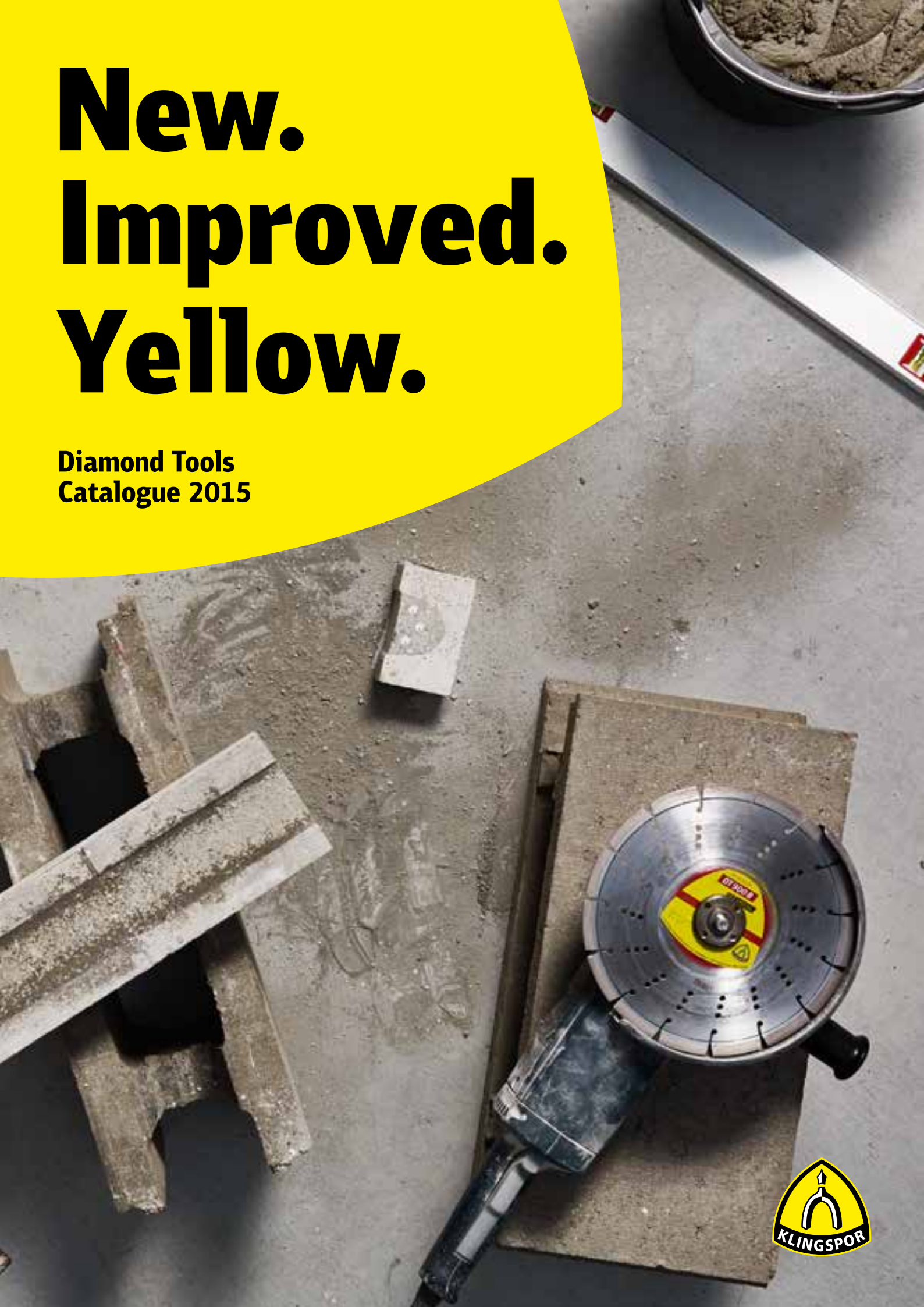


New. Improved. Yellow.

Diamond Tools
Catalogue 2015



5

We rank amongst the world's five leading manufacturers of abrasives.

1893

Klingspor was founded as a family owned business.

More than

Three hundred

highly trained technicians offer professional on-site assistance.

260 million

Euros in sales during the past year.

Over

50 thousand

items in our product range.

Every day Klingspor makes:

110,000 350,000

Abrasive mop discs

Cutting-off wheels and grinding discs

One hundred thousand square metres

Coated abrasives

2,700

Employees are hard at work everyday to keep our customers satisfied.



The newly constructed factory, housing the company's diamond tool production in the West Ukrainian town of Lviv, guarantees products of superior quality and reliability.

New. Improved. Yellow.

Remain in full control of all processes: staying true to this motto, Klingspor managed to rise to be one of the world's first manufacturers of grinding and cutting tools. The company is now applying their extensive experience in research and development and manufacturing, their global network of distributors and their highly efficient service and logistics structure to their diamond tools.



Klingspor
Expertise in diamonds

Everything under one roof

Engineering, production, sales, logistics and service



Research and development

Engineered in Germany

For decades, our *Research and Development* department in Haiger, Germany has continuously raised the bar when it comes to enhancing technologies applied to cutting and grinding. Benefiting from highly skilled experts amongst their ranks and leading edge equipment in their labs and test benches, our R&D department is now laying the foundation for Klingspor diamond tools that cannot be beaten when it comes to quality and reliability.

◀ **Teamwork:** The members of our staff, working in Research and Development, Product Management and Business Development, team up to analyse the test results and plan the composition of our product line.



Our team of devoted engineers and scientists has allowed us to manufacture diamond tools that are second to none when it comes to performance and quality.



We have set up a laboratory that is dedicated exclusively to diamond tools and affords our highly skilled scientists the state-of-the-art equipment they need to develop bonds that make our tools suitable for a wide range of applications.



Assured quality: We have built a custom test bench for our new line of diamond tools that is used to put the tools through their paces in terms of performance, reliability and environmental compatibility. This approach allows us to constantly improve all newly developed products until they satisfy the high standards demanded by Klingspor. We subject all our products to regular quality inspections that are based on clearly defined parameters.



**Klingspor
Expertise in diamonds**

Quality is Yellow:

All of the diamonds and raw materials that Klingspor use are supplied by the most renowned manufacturers to ensure consistency in the quality of our products.



Production

Made in Europe

Klingspor's new production facility sets itself apart by its state-of-the-art machinery and exceptionally well-trained personnel. We can guarantee the exquisite quality of our diamond tools because we closely control every single step of production: from the procurement of the raw materials to manufacturing to delivery to the customer.

◀ Highly trained personnel and rigorous production standards provide for supreme quality at the company's location in Lviv, Western Ukraine.



All powders are turned to granulates using latest technologies and machinery. The production processes necessary are performed in special air-conditioned rooms.



Adhering to the closest tolerances, the granulates are then moulded into segments using a high precision cold moulding press.



Afterwards, all segments are joined to the carrier by means of a highly accurate laser welding process. The application of these ultramodern technologies is at the core of our tools' operational reliability.



Our production department employs independent and specially trained quality assurance staff to constantly monitor the quality of our products. Aside from the dimensions and weights, as well as the hardness and density of the segments, we also subject the finished diamond tools to a comprehensive quality inspection.



Klingspor Expertise in diamonds

Certified environmental management system

Klingspor's production department attaches the greatest amount of importance to the compliance with all European environmental standards. Elaborate technologies used to filter foreign particles and suspended matter have made it possible to attain an air purity of 99 %. All waste products are recycled or disposed of in an environmentally safe manner.

✓ **DIN EN ISO 14001**



Shipping, logistics, service

Always there for you. Wherever you are.

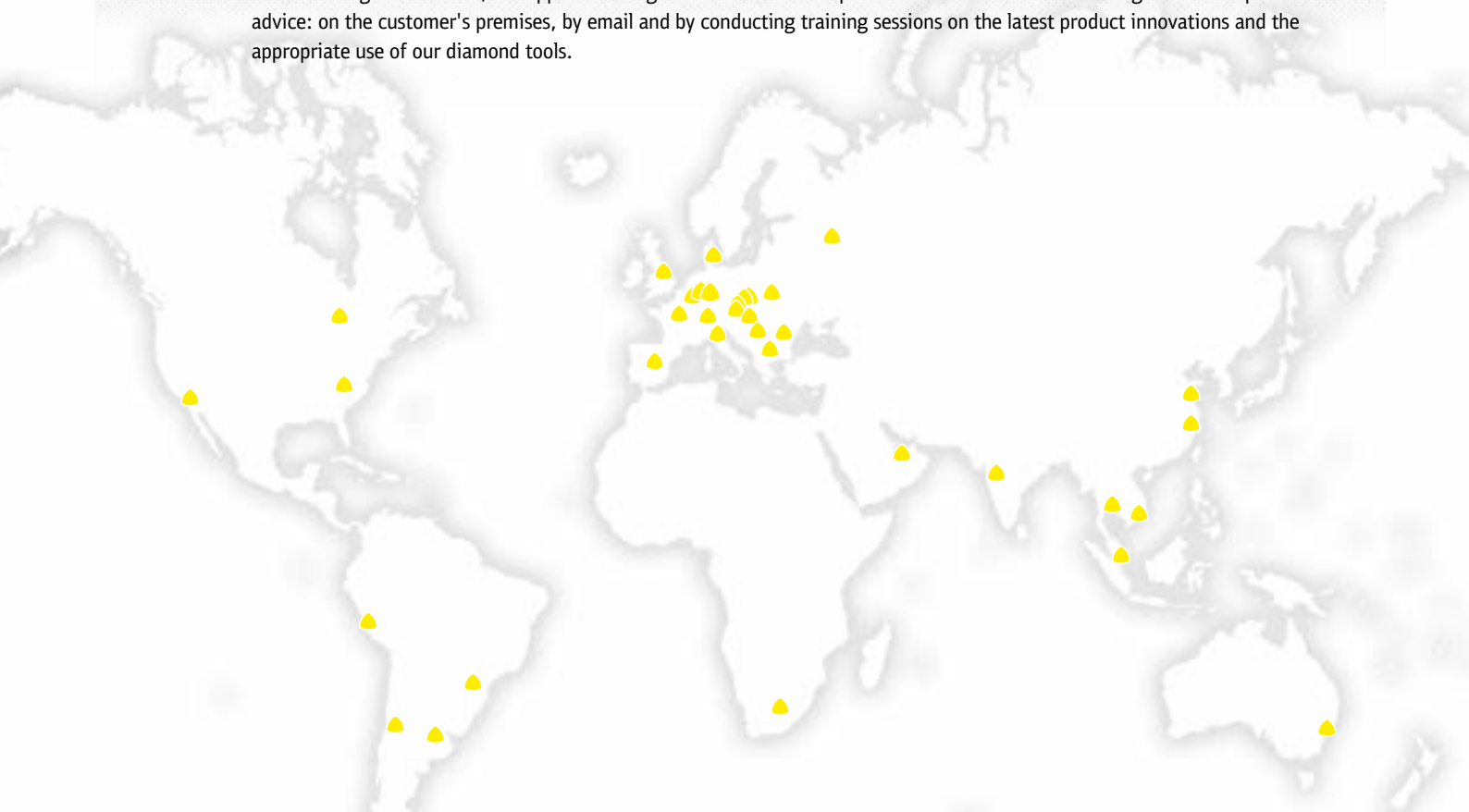
From Haiger into the World: For distributing their range of diamond products, Klingspor relies on their extensive global network of local dealers as well as several hundred carefully trained sales representatives and application engineers. To customers and users this comprehensive level of support translates to short delivery periods, a high degree of availability and all inclusive consulting before and after the purchase was made.



Klingspor
Expertise in diamonds



Trained at regular intervals, our application engineers and sales staff provide our customers around the globe with expert advice: on the customer's premises, by email and by conducting training sessions on the latest product innovations and the appropriate use of our diamond tools.



The Americas

- Stoney Creek, Canada
- Hickory (NC), USA
- Tijuana, Mexico
- Lima, Peru
- Curitiba, Brazil
- Santiago, Chile
- Buenos Aires, Argentina

Africa

- Johannesburg, South Africa

Europe

- Moscow, Russia
- Kolding, Denmark
- Worksop, Great Britain
- Sittard, The Netherlands
- Leuven, Belgium
- Haiger, Germany
- Lviv, Ukraine
- Bielsko-Biala, Poland
- Brno, Czech Republic
- Le Perrat-en-Yvelines, France

- Vienna, Austria
- Basel, Switzerland
- Budapest, Hungary
- Brescia, Italy
- Belgrade, Serbia
- Bucharest, Romania
- Sofia, Bulgaria
- Madrid, Spain

Asia

- Qingdao, People's Republic of China
- Shanghai, People's Republic of China
- Dubai, United Arab Emirates
- Pune, India
- Bangkok, Thailand
- Saigon, Vietnam
- Singapore, Republic of Singapore

Australia

- Sydney, Australia

◀ Dependable picking thanks to the pick-to-light process: Klingspor's shipping centre for diamond tools is located in Haiger.



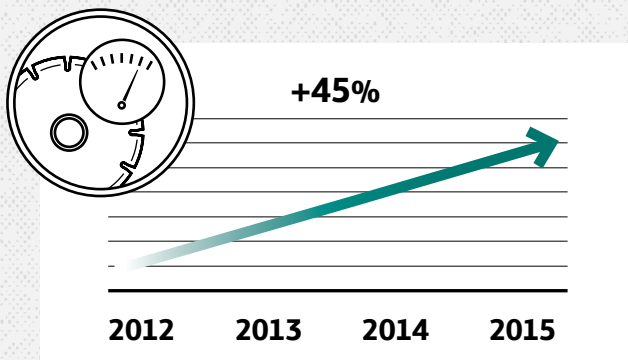
Product benefits

Maximum performance, large variety of applications.

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



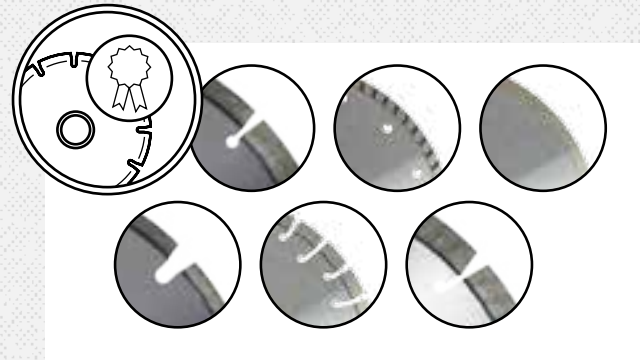
Klingspor
Expertise in diamonds



1.

Continuous performance increase

Research, development and continuous testing have resulted in a steady performance increase of up to 45% in diamond tools made by Klingspor.



2.

Reliable segments

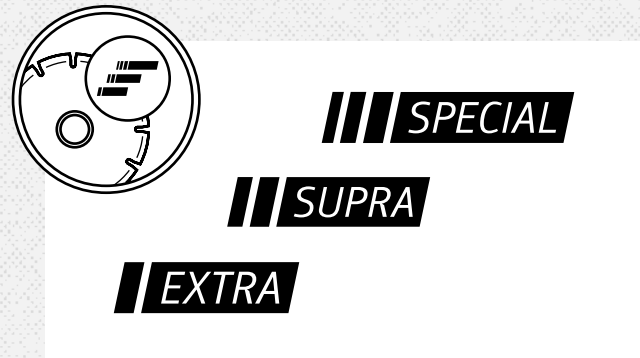
As we make them ourselves in-house, we can align the cores and edges of our diamond tools until they match each other perfectly. This way, we can guarantee maximum performance regardless of the application for which the user plans on using our tools.



3.

Wide range of applications

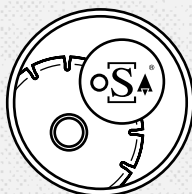
Designed for construction above and below ground, road building, roofers and stone cutters, Klingspor diamond products are suitable for all mineral materials and can be mounted on handheld machinery, table saws, electric joint cutters and joint cutters with a capacity of up to 20 kW.



4.

Three product lines

Klingspor offers three finely attuned product lines. Every user will find the diamond tool that is suited perfectly for the specific task needed to be accomplished.



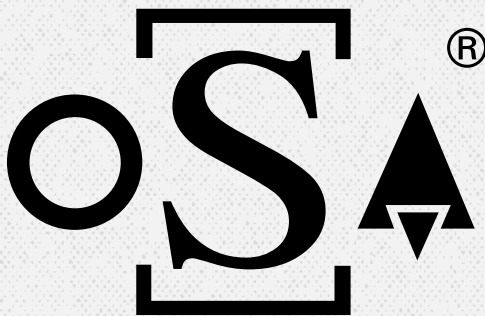
5.

Toughest safety standards

Just as all other products made by Klingspor, our new diamond tools comply with the strict oSa guidelines and are guaranteed to comply with the European safety standard EN 13236.

oSa[®] – the Centre of Excellence for the safety of abrasives

Klingspor is a founding member of the oSa[®]. The *Organisation for the Safety of Abrasives* is a voluntary association of abrasive manufacturers. All members commit to adhering to all European safety standards applicable to abrasive tools and to promote and enforce stricter production and testing regulations. As an expression of their voluntary commitment, the oSa[®] awards a quality seal that is protected worldwide. To the user and the dealer, this translates to increased safety during use and a lower liability risk, respectively.



The 7 criterias that guarantee oSa[®] safety

- ▶ Voluntary commitment of the manufacturer
- ▶ Testing facilities and expertise under the manufacturer's roof
- ▶ Certified quality management including documented processes
- ▶ Independent product tests
- ▶ Independent safety audits performed by external auditors
- ▶ Regular production monitoring and control
- ▶ Safety as products can be traced back all the way to the manufacturer

Types of segments



- 1.
-
- Standard gullet**
- ▶ rapid feed rate
 - ▶ exceptional cutting properties



- 2.
-
- Turbo continuous rim**
- ▶ exceptionally smooth operation
 - ▶ clean cutting edges



- 3.
-
- Continuous rim**
- ▶ clean cutting edges
 - ▶ work with superior precision
 - ▶ short cutting times



- 4.
-
- Turbo segments**
- ▶ exceptionally smooth operation
 - ▶ clean cutting edges
 - ▶ fast cutting speed
 - ▶ long service life



- 5.
-
- Short segments**
- ▶ first-rate cutting performance
 - ▶ clean cutting edges



- 6.
-
- Wide gullet**
- ▶ high feed rate



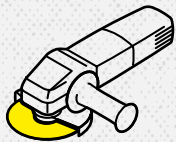
- 7.
-
- Narrow gullet**
- ▶ clean cut
 - ▶ exceptionally smooth operation thanks to narrow segment spacings



- 8.
-
- Hammer segments**
- ▶ prevent rear grinding
 - ▶ prevent segments tearing off
 - ▶ optimal protection thanks to segments soldered in

Variety of products

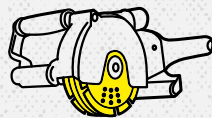
With its comprehensive and transparent diamond product line, Klingspor offers the right tool for all standard machine types and applications.



Angle grinder

Diamond tools for:

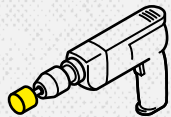
- ▶ Concrete
- ▶ Reinforced concrete
- ▶ Roof tiles
- ▶ Screed
- ▶ Stoneware
- ▶ Floor tiles
- ▶ Aerated concrete
- ▶ Granite
- ▶ Stove tiles
- ▶ Chalky sandstone
- ▶ Clinker
- ▶ Natural stone
- ▶ Glazed stove tiles
- ▶ Porphyry
- ▶ Quarzite
- ▶ Plaster



Wall saw

Diamond tools for:

- ▶ Concrete
- ▶ Chalky sandstone



Drilling machine

Diamond tools for:

- ▶ Concrete
- ▶ Stoneware
- ▶ Floor tiles
- ▶ Chalky sandstone
- ▶ Masonry
- ▶ Brickwork

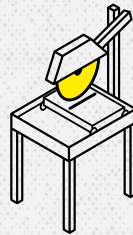
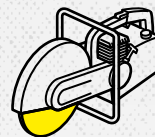


Table saw

Diamond tools for:

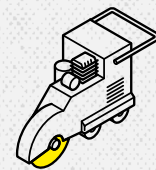
- ▶ Concrete
- ▶ Reinforced concrete
- ▶ Screed
- ▶ Stoneware
- ▶ Refractory brick
- ▶ Granite
- ▶ Stove tiles
- ▶ Chalky sandstone
- ▶ Clinker
- ▶ Glazed stove tiles
- ▶ Firebrick



Petrol saw

Diamond tools for:

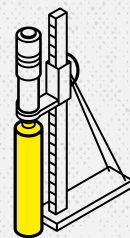
- ▶ Concrete
- ▶ Reinforced concrete
- ▶ Chalky sandstone



Floor saw

Diamond tools for:

- ▶ Asphalt
- ▶ Concrete
- ▶ Reinforced concrete
- ▶ Green concrete
- ▶ Screed



Drill stand

Diamond tools for:

- ▶ Concrete
- ▶ Reinforced concrete



All Klingspor diamond cutting blades are suitable for dry and wet cutting.

The three product lines

The right tool for every application: Klingspor diamond tools are available in three product lines that are colour-coded to provide the user with a quick overview of the most important materials for which the tools are suitable.



SPECIAL

Product line 900 – High performance tools offering outstanding cutting performance and service life. For users who need their tools to perform at peak output and reliability even if subjected to the most punishing applications



SUPRA

Product line 600 – Professional tools with an exceptional price-performance ratio. For users who require diamond tools that deliver reliable and powerful performance every day.



EXTRA

Product line 300 – Brand name quality at an affordable price. For users who expect their tools to meet professional standards, but do not need to use them continuously.

Identification

The key information at a glance: Range of application, type of product line, safety instructions and guidelines for use. The product identification of the diamond tools shows the user all essential application instructions at a glance and helps them quickly select the tool that is perfect for the job.

1.

Klingspor Cat. No.

2.

Product group / type

The type designation is composed of information on the product group, the product line and the range of application

3.

Applications

The colour coding system describes the tool's range of application (see page 17)

4.

Safety pictograms

The pictograms provide important information on how to use the diamond tools safely and should be strictly observed!

5.

Max. operating speed

This is always included on the coloured bar and given in metres per second

6.

Klingspor logo

7.

Information about the manufacturer

Provided here is information on the company and the country of origin

8.

Safety standard

Diamond tools made by Klingspor are subject to the strict safety requirements established by the oSa and the EN 13236

9.

Dimensions in mm and inches

Every diamond cutting blade contains information on dimensions in both units of measurement

10.

Max. RPM

This is always included on the coloured bar and given in revolutions per min

11.

Rotational direction

The rotational direction indicated by the arrow dictates the cutting direction of the diamond blade



Colour-coding system of the Klingspor® diamond tools



Asphalt

Black



Tiles

Green



Stone/Fireproof

Blue



Concrete

Red



Universal

White

Number of revolutions

Diamond tools made by Klingspor are high performance products and have been engineered to reach their highest level of performance at a level immediately below their maximum peripheral surface speeds. The maximum permissible values for motor speed and operating speed are indicated on every diamond blade. The table below contains all permissible maximum speeds as a function of the diameter and the maximum permissible operating speed of the diamond tools.









Klingspor
Expertise in diamonds

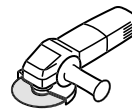
Maximum operating speed [m/s]

	30	35	40	45	50	55	60	70	80	100
200	2.865	3.342	3.820	4.297	4.775	5.252	5.730	6.685	7.640	
230	2.491	2.906	3.322	3.737	4.152	4.567	4.982	5.813	6.643	
250	2.292	2.674	3.056	3.438	3.820	4.202	4.584	5.348	6.112	
300	1.910	2.228	2.547	2.865	3.183	3.502	3.820	4.456	5.093	6.360
350	1.637	1.910	2.183	2.456	2.728	3.001	3.274	3.820	4.366	5.450
400	1.432	1.671	1.910	2.149	2.387	2.626	2.865	3.342	3.820	4.770
450	1.273	1.485	1.698	1.910	2.122	2.334	2.547	2.971	3.395	4.240
500	1.146	1.337	1.528	1.719	1.910	2.101	2.292	2.674	3.056	3.810
550	1.042	1.215	1.389	1.563	1.736	1.910	2.084	2.431	2.778	
600	955	1.114	1.273	1.432	1.592	1.751	1.910	2.228	2.547	

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Diamond cutting blades for angle grinders



Universal

Diamond cutting blade

DT 300 U EXTRA



Properties:

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

Applications:

Construction materials	●
Concrete, universal	●



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

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	8 / 37 / 1,6 / 7	1	325345
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 36 / 1,6 / 7	1	325346
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	13 / 38 / 2 / 7	1	325347
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	16 / 40 / 2,3 / 7	1	325348

Universal

Diamond cutting blade

DT 300 UT EXTRA



Properties:

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

Applications:

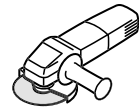
Construction materials	●
Concrete, universal	●



Advantages: Suitable for a various range of applications - Excellent cutting performance - Great price-performance ratio - Turbo segments for clean and nick-free edges

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	CR / CR / 1,9 / 7	1	325353
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR / CR / 1,9 / 7	1	325354
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR / CR / 2,2 / 7	1	325355
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR / CR / 2,5 / 7	1	325356

Diamond cutting blades for angle grinders



Universal

Diamond cutting blade

DT 600 U SUPRA



Properties:

Design	Laser welded
Segmentation	Short segments
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●



• Short segments

Advantages: Suitable for a various range of applications - First-rate cutting performance - Exceptional service life thanks to the use of premium grade raw materials and diamonds - Clean cutting edges

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
100 x 16	80 m/s	15,300 rpm	Angle grinder	11 / 20 / 2,4 / 9	1	325025
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	13 / 20 / 2,4 / 9	1	322630
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	15 / 20 / 2,4 / 9	1	322631
150 x 22,23	80 m/s	10,200 rpm	Angle grinder	18 / 20 / 2,4 / 9	1	322632
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	22 / 20 / 2,6 / 9	1	322633
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	30 / 20 / 2,6 / 9	1	322634

Universal

Diamond cutting blade

DT 900 U SPECIAL



Properties:

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

Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●
Hard stone	⓪

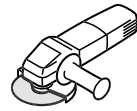


• Turbo segments
• Titanium-coated diamonds

Advantages: Ultra fast cutting speed on almost any hard material thanks to specially designed turbo segments - Further increased service life thanks to titanium-coated diamonds even on reinforced concrete

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	8 / 33 / 2,4 / 12	1	325206
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 33 / 2,4 / 12	1	325209
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	11 / 42 / 2,6 / 12	1	325028
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 42 / 2,6 / 12	1	325045

Diamond cutting blades for angle grinders



Universal

Diamond cutting blade

DT 900 UD SPECIAL



Properties:

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

Applications:

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



- Turbo segments
- Titanium-coated diamonds
- Detenso core

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

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 42 / 2,6 / 12	1	325210

Universal

Diamond cutting blade

DT 900 UT SPECIAL



Properties:

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

Applications:

Concrete, universal	●
Roof tiles	●
Construction materials	●

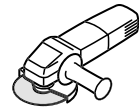


- Wave-shaped core

Advantages: Wave-shaped steel core - Use on construction material - Clean cutting edges - High aggressiveness

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	CR / CR / 2,2 / 10	1	325364
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR / CR / 2,2 / 10	1	325365
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR / CR / 2,5 / 10	1	325366
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR / CR / 2,5 / 10	1	325367

Diamond cutting blades for angle grinders



Concrete

Diamond cutting blade

DT 900 B SPECIAL



Properties:

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

Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Chalky sandstone	⓪
Construction materials	⓪



• Titanium-coated diamonds

Advantages: Titanium-coated diamonds for first-rate cutting performance – Fast cutting speed even on reinforced concrete - Unrivalled service life - Designed for professional applications on concrete

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	8 / 33 / 2,4 / 12	1	325205
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 33 / 2,4 / 12	1	325208
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	11 / 42 / 2,4 / 12	1	325027
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 42 / 2,6 / 12	1	325034

Clinker

Diamond cutting blade

DT 900 K SPECIAL



Properties:

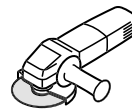
Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■■□□
Service life	■■■■■■■■□□

Applications:

Clinker	●
Concrete products	⓪
Construction materials	⓪

Advantages: Exceptional cutting performance - Outstanding service life - Narrow gullet for smooth cutting and clean cutting edges - Particularly well suited for clinker of all degrees of hardness

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	8 / 33 / 2,4 / 12	1	325204
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 33 / 2,4 / 12	1	325207
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	11 / 42 / 2,6 / 12	1	325026
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 42 / 2,6 / 12	1	325033



Granite

Diamond cutting blade

DT 600 G SUPRA



Properties:

Design	Laser welded
Segmentation	Short segments
Aggression	■■■■■□□
Service life	■■■■□□□

Applications:

Granite	●
Terrazzo	●



Advantages: High stock removal rate - Excellent service life - Clean cutting - Great price-performance ratio - Suitable for all types of granite

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	13	20	2,4 / 9	1	325030
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	15	20	2,4 / 9	1	325032
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	22	20	2,6 / 9	1	325096
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	30	20	2,6 / 9	1	325162

Granite

Diamond cutting blade

DT 900 G SPECIAL



Properties:

Design	Laser welded
Segmentation	Special segment
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

Applications:

Granite	●
Porphyry, quartzite	●
Terrazzo	●



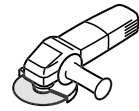
- Conical segments
- Titanium-coated diamonds
- Detenso core



Advantages: Outstanding cutting properties thanks to particularly narrow spacing of the tapered segments - Low vibration detenso core for efficient noise reduction - Smooth and quiet cutting with clean cutting edges - Long service life - Also the perfect choice for all types of granite including porphyry and quartzite

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	12	28	2,5 / 12	1	325029
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	13	28	2,5 / 12	1	325031
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	18	28	2,8 / 12	1	325049
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	24	28	2,8 / 12	1	325115

Diamond cutting blades for angle grinders



Tiles

Diamond cutting blade

DT 300 F EXTRA



Properties:

Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:

Tiles	●
Stove tiles	●

Advantages: Clean edges when used for cutting tiles - Attractively priced quality wheel

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325357
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325358
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325359
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR / CR / 1,9 / 7	1	325360

Tiles

Diamond cutting blade

DT 600 F SUPRA



Properties:

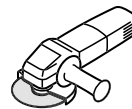
Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

Advantages: Professional wheel for tiles and feldspar - For high-precision working - Short cutting off times - Clean edges

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325368
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325369
150 x 22,23	80 m/s	10,200 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325370
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR / CR / 1,6 / 7	1	325371
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR / CR / 1,9 / 7	1	325372



Stoneware

Diamond cutting blade

DT 900 FT SPECIAL



Properties:

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

Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●
Granite	●



Advantages: 1.4 mm thin professional blade for extremely demanding applications - Work results of superior quality - Continuous rim with turbo segments - Clean and nick-free edges

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	CR	CR	1,4 / 7	1	325392
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR	CR	1,4 / 7	1	325393

Mortar rake

Diamond cutting blade

DN 600 U SUPRA



Properties:

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■■□
Service life	■■■■■■□□

Applications:

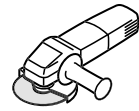
Mortar joints	●
Plaster	●
Aerated concrete	●



Advantages: Special broaching wheel with robust design for removing mortar from bricks, natural stones and clinker facades - Specially designed hammer segments - Optimum protection of the steel core

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	9	33	4,5 / 7	1	325380
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	10	33	4,5 / 7	1	325381

Diamond cup grinding wheels for angle grinders



Concrete

Diamond cup grinding wheel

DS 300 B EXTRA



Properties:

Design	Laser welded
Segmentation	Standard
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:

Concrete	●
Scree	●
Construction materials	●



Advantages: Double row cup grinding wheel with outstanding stock removal performance - High aggressiveness at low force requirements - Exceptional price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	20 / 7 / 5,5	1	325361
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	20 / 7 / 5,5	1	325362
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	24 / 7 / 5,5	1	325363

Concrete

Diamond cup grinding wheel

DS 600 B SUPRA



Properties:

Design	Laser welded
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

Applications:

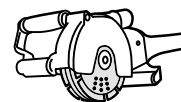
Concrete	●
Scree	●
Construction materials	●



Advantages: Double row cup grinding wheel for machining concrete and abrasive materials - Efficient dust extraction - Aggressive grinding performance - Long service life

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Width / Height	Packing unit/pcs.	Cat. number
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	18 / 8,5 / 5	1	325377
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	18 / 8,5 / 5	1	325378
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	24 / 8,5 / 5	1	325379

Diamond cutting blades for wall chaser



Universal

Diamond cutting blade

DT 300 U EXTRA



Properties:

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

Applications:

Concrete, universal	●
Construction materials	●

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

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Wall chaser	8	37	1,6 / 7	1	325345
125 x 22,23	80 m/s	12,200 rpm	Wall chaser	9	36	1,6 / 7	1	325346

Universal

Diamond cutting blade

DT 600 U SUPRA



Properties:

Design	Laser welded
Segmentation	Short segments
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ ■ □ □

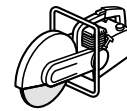
Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Construction materials	●
Chalky sandstone	●

Advantages: Exceptional cutting performance - Long service life thanks to the use of premium-grade raw materials and diamonds - Clean cutting edges - Suitable for a various range of applications

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
115 x 22,23	80 m/s	13,300 rpm	Wall chaser	13	20	2,4 / 9	1	322630
125 x 22,23	80 m/s	12,200 rpm	Wall chaser	15	20	2,4 / 9	1	322631
140 x 22,23	80 m/s	11,000 rpm	Wall chaser	17	20	2,4 / 9	1	325046
150 x 22,23	80 m/s	10,200 rpm	Wall chaser	18	20	2,4 / 9	1	322632

Diamond cutting blades for petrol powered cutters



Universal

Diamond cutting blade

DT 300 U EXTRA



Properties:

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

Applications:

Construction materials ●



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

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	17 / 50 / 2,8 / 7	1	326831

Universal

Diamond cutting blade

DT 600 U SUPRA



Properties:

Design	Laser welded
Segmentation	Short segments
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:

Construction materials ●
Concrete, universal ●
Cured concrete, reinforced ●
Chalky sandstone ●



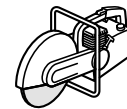
• Short segments



Advantages: High cutting performance - Long service life thanks to the use of premium-grade raw materials and diamonds - Clean cutting edges - Effortless cutting thanks to short serrated segments

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	32 / 24 / 2,8 / 10	1	325183
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter	32 / 24 / 2,8 / 10	1	325184
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	37 / 24 / 3 / 10	1	325194
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter	37 / 24 / 3 / 10	1	325195
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	43 / 24 / 3,2 / 10	1	325197
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter	43 / 24 / 3,2 / 10	1	325198

Diamond cutting blades for petrol powered cutters



Asphalt

Diamond cutting blade

DT 602 A SUPRA



Properties:

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■□□
Service life	■■■■□□□

Applications:

Asphalt	●
Sandstone	●



Advantages: First-rate cutting performance - Long service life - Protective segments to guard the blade - Great price-performance ratio - Specially engineered for applications on asphalt - Also suitable for use on electric joint cutters

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter		18 / 40 / 2,8 / 10	1	327025
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter		21 / 40 / 3,2 / 10	1	327026
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter		24 / 40 / 3,4 / 10	1	327027

Concrete

Diamond cutting blade

DT 900 B SPECIAL



Properties:

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

Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Construction materials	●
Chalky sandstone	⦿



- Turbo segments
- Titanium-coated diamonds



Advantages: High performance blade with ultra high cutting speed thanks to turbo segments - Specially engineered for effortless cutting through concrete - Further increased service life thanks to titanium-coated diamonds

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	21 / 40 / 2,8 / 12	1	325078
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter	21 / 40 / 2,8 / 12	1	325079
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	21 / 40 / 3 / 12	1	325080
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter	21 / 40 / 3 / 12	1	325081
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	24 / 40 / 3,2 / 12	1	325113
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter	24 / 40 / 3,2 / 12	1	325114

Tel: 01909 712310, Fax: 01909 712420, e-mail: sales@klingspor.co.uk

Universal

Diamond cutting blade

DT 300 U EXTRA



Properties:

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

Applications:

Construction materials	●
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Advantages: Suitable for a various range of applications - Excellent cutting performance - Great price-performance ratio

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Table saw	17 / 50 / 2,8 / 7	1	325349
300 x 30	100 m/s	6,400 rpm	Table saw	17 / 50 / 2,8 / 7	1	325351
350 x 25,4	100 m/s	5,500 rpm	Table saw	20 / 50 / 2,8 / 7	1	325350
350 x 30	100 m/s	5,500 rpm	Table saw	20 / 50 / 2,8 / 7	1	325352

Universal

Diamond cutting blade

DT 600 U SUPRA



Properties:

Design	Laser welded
Segmentation	Short segments
Aggression	■ ■ ■ ■ ■ □ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □ □ □

Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●

Advantages: Universal tool for construction material with good cutting properties - High cutting speed thanks to short segment design - Long service life thanks to the use of premium grade raw materials and diamonds

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Table saw	32 / 24 / 2,8 / 10	1	325184
300 x 30	100 m/s	6,400 rpm	Table saw	32 / 24 / 2,8 / 10	1	325185
350 x 25,4	100 m/s	5,500 rpm	Table saw	37 / 24 / 3 / 10	1	325195
350 x 30	100 m/s	5,500 rpm	Table saw	37 / 24 / 3 / 10	1	325196
400 x 25,4	100 m/s	4,800 rpm	Table saw	43 / 24 / 3,2 / 10	1	325198
400 x 30	100 m/s	4,800 rpm	Table saw	43 / 24 / 3,2 / 10	1	325199
450 x 25,4	100 m/s	4,300 rpm	Table saw	48 / 24 / 3,6 / 10	1	325201
450 x 30	100 m/s	4,300 rpm	Table saw	48 / 24 / 3,6 / 10	1	325200
500 x 25,4	100 m/s	3,900 rpm	Table saw	54 / 24 / 3,6 / 10	1	325203
500 x 30	100 m/s	3,900 rpm	Table saw	54 / 24 / 3,6 / 10	1	325202

Diamond cutting blades for table saws



Universal

Diamond cutting blade

DT 900 U SPECIAL



Properties:

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■■■■■■■■
Service life	■■■■■■■■

Applications:

Construction materials	●	Granite	●
Concrete, universal	●		
Cured concrete, reinforced	●		
Chalky sandstone	●		



Advantages: Suitable for a wide range of applications - Ultra fast cutting speed - Special segment bond for long service life and clean cuts - Engineered for professional use

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325053
300 x 30	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325052
300 x 25,4	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325067
300 x 30	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325066
350 x 25,4	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325085
350 x 30	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325084
350 x 25,4	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325100
350 x 30	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325099
400 x 25,4	100 m/s	4,800 rpm	Table saw		24 / 40 / 3,2 / 10	1	325117
400 x 30	100 m/s	4,800 rpm	Table saw		24 / 40 / 3,2 / 10	1	325116
400 x 25,4	100 m/s	4,800 rpm	Table saw		28 / 40 / 3,2 / 10	1	325141
400 x 30	100 m/s	4,800 rpm	Table saw		28 / 40 / 3,2 / 10	1	325140
450 x 25,4	100 m/s	4,300 rpm	Table saw		26 / 40 / 3,6 / 10	1	325133
450 x 30	100 m/s	4,300 rpm	Table saw		26 / 40 / 3,6 / 10	1	325132
450 x 25,4	100 m/s	4,300 rpm	Table saw		32 / 40 / 3,6 / 10	1	325176
450 x 30	100 m/s	4,300 rpm	Table saw		32 / 40 / 3,6 / 10	1	325175
500 x 25,4	100 m/s	3,900 rpm	Table saw		30 / 40 / 3,7 / 10	1	325164
500 x 30	100 m/s	3,900 rpm	Table saw		30 / 40 / 3,7 / 10	1	325163
500 x 25,4	100 m/s	3,900 rpm	Table saw		36 / 40 / 3,7 / 10	1	325155
500 x 30	100 m/s	3,900 rpm	Table saw		36 / 40 / 3,7 / 10	1	325154

Diamond cutting blade

DT 900 K SPECIAL











Properties:

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

Applications:

Clinker	●
Concrete products	●
Construction materials	○

Advantages: Exceptional cutting performance - Outstanding service life - Narrow gullet for smooth cutting and clean cutting edges - Particularly well suited for clinker of all degrees of hardness

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325051
300 x 30	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325050
300 x 25,4	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325065
300 x 30	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325064
350 x 25,4	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325083
350 x 30	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325082
350 x 25,4	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325098
350 x 30	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325097

Diamond cutting blade

DT 300 F EXTRA



Properties:

Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:

Tiles	●
Stove tiles	●

Advantages: Standard tool for clean and nick-free edges - Good price-performance ratio - Reduced bore 25.4/30

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
200 x 25,4/30	80 m/s	7,600 rpm	Table saw	CR	CR	1,6 / 7	1	325454

Diamond cutting blade

DT 600 F SUPRA



Properties:

Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

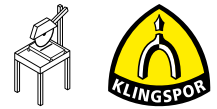
Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

Advantages: Professional wheel for tiles and feldspar - Continuous rim for clean and nick-free edges - Reduced bore 25.4/30

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segment in mm			Packing unit/pcs.	Cat. number
				Number	Length	Width / Height		
180 x 25,4/30	80 m/s	8,500 rpm	Table saw	CR	CR	1,6 / 7	1	325455
200 x 25,4/30	80 m/s	7,600 rpm	Table saw	CR	CR	1,9 / 7	1	325373
250 x 25,4/30	80 m/s	6,100 rpm	Table saw	CR	CR	1,9 / 7	1	325374
300 x 25,4/30	100 m/s	6,400 rpm	Table saw	CR	CR	2 / 7	1	325375
350 x 25,4/30	100 m/s	5,500 rpm	Table saw	CR	CR	2 / 7	1	325376

Diamond cutting blades for table saws



Firebrick

Diamond cutting blade

DT 900 R SPECIAL



Properties:

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ ■ ■ ■

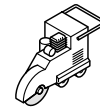
Applications:

Firebrick	●
Refractory brick, universal	●

Advantages: High performance blade, specially engineered for firebrick and refractory brick - Ultra fast cutting speed - Outstanding service life - Clean cut

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325055
300 x 30	100 m/s	6,400 rpm	Table saw		18 / 40 / 2,8 / 10	1	325054
300 x 25,4	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325069
300 x 30	100 m/s	6,400 rpm	Table saw		21 / 40 / 2,8 / 10	1	325068
350 x 25,4	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325087
350 x 30	100 m/s	5,500 rpm	Table saw		21 / 40 / 3 / 10	1	325086
350 x 25,4	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325102
350 x 30	100 m/s	5,500 rpm	Table saw		24 / 40 / 3 / 10	1	325101
400 x 25,4	100 m/s	4,800 rpm	Table saw		24 / 40 / 3,2 / 10	1	325119
400 x 30	100 m/s	4,800 rpm	Table saw		24 / 40 / 3,2 / 10	1	325118
400 x 25,4	100 m/s	4,800 rpm	Table saw		28 / 40 / 3,2 / 10	1	325143
400 x 30	100 m/s	4,800 rpm	Table saw		28 / 40 / 3,2 / 10	1	325142
450 x 25,4	100 m/s	4,300 rpm	Table saw		26 / 40 / 3,6 / 10	1	325135
450 x 30	100 m/s	4,300 rpm	Table saw		26 / 40 / 3,6 / 10	1	325134
450 x 25,4	100 m/s	4,300 rpm	Table saw		32 / 40 / 3,6 / 10	1	325178
450 x 30	100 m/s	4,300 rpm	Table saw		32 / 40 / 3,6 / 10	1	325177
500 x 25,4	100 m/s	3,900 rpm	Table saw		30 / 40 / 3,7 / 10	1	325166
500 x 30	100 m/s	3,900 rpm	Table saw		30 / 40 / 3,7 / 10	1	325165
500 x 25,4	100 m/s	3,900 rpm	Table saw		36 / 40 / 3,7 / 10	1	325157
500 x 30	100 m/s	3,900 rpm	Table saw		36 / 40 / 3,7 / 10	1	325156

Diamond cutting blades for joint cutters



Asphalt

Diamond cutting blade

DT 602 A SUPRA



• Protective segments

Properties:

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □ □

Applications:

Asphalt	●
Sandstone	●

Advantages: First-rate cutting performance - Protective segments to guard the blade - Great price-performance ratio - Specially engineered for applications on asphalt - Also suitable for use on electric joint cutters

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		18 / 40 / 2,8 / 10	1	325060
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		21 / 40 / 3,2 / 10	1	325092
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		24 / 40 / 3,4 / 10	1	325124
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		25 / 40 / 3,7 / 10	1	325128
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		30 / 40 / 3,7 / 10	1	325171

Asphalt

Diamond cutting blade

DT 902 A SPECIAL



• Protective segments

Properties:

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ ■ □

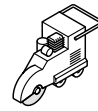
Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

Advantages: High cutting performance - 12 mm high segments - Protective segments to guard the blade

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		18 / 40 / 2,8 / 12	1	325062
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		21 / 40 / 3,2 / 12	1	325094
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		24 / 40 / 3,4 / 12	1	325126
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		25 / 40 / 3,7 / 12	1	325130
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		30 / 40 / 3,7 / 12	1	325173

Diamond cutting blades for joint cutters



Asphalt

Diamond cutting blade

DT 910 A SPECIAL



• Protective segments

Properties:

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■□
Service life	■■■■■■■

Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

Advantages: Good cutting performance - 12 mm high segments - Protective segments to guard the blade - Exceptional service life

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		21 / 40 / 2,8 / 12	1	325077
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		24 / 40 / 3,2 / 12	1	325110
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		28 / 40 / 3,4 / 12	1	325147
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		30 / 40 / 3,7 / 12	1	325161
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		35 / 40 / 3,7 / 12	1	325189

Concrete

Diamond cutting blade

DT 602 B SUPRA



Properties:

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■□□
Service life	■■■■■■□□□

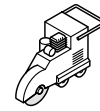
Applications:

Cured concrete	●
Cured concrete, reinforced	●

Advantages: First-rate cutting performance - Fast cutting speed - Particularly well suited for concrete with medium reinforcement - Also suitable for use on electric joint cutters

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		18 / 40 / 2,8 / 9	1	325056
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		21 / 40 / 3,2 / 9	1	325088
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		24 / 40 / 3,4 / 9	1	325120
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		26 / 40 / 3,7 / 9	1	325136
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		30 / 40 / 3,7 / 9	1	325167

Diamond cutting blades for joint cutters



Concrete

Diamond cutting blade

DT 902 B SPECIAL



Properties:

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

Applications:

Cured concrete	●
Cured concrete, reinforced	●



Advantages: First-rate cutting performance - Ultra fast cutting speed - Also suitable for concrete with strong reinforcement

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		18 / 40 / 2,8 / 11	1	325058
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		21 / 40 / 3,2 / 11	1	325090
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		24 / 40 / 3,4 / 11	1	325122
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		26 / 40 / 3,7 / 11	1	325138
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		30 / 40 / 3,7 / 11	1	325169

Concrete

Diamond cutting blade

DT 910 B SPECIAL



Properties:

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■■□
Service life	■■■■■■■■■

Applications:

Cured concrete	●
Cured concrete, reinforced	●



Advantages: First-rate cutting performance - High cutting speed - Exceptional service life - Also suitable for concrete with strong reinforcement

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machine	Segmentation	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
300 x 25,4	100 m/s	6,400 rpm	Joint cutter		21 / 40 / 2,8 / 11	1	325073
350 x 25,4	100 m/s	5,500 rpm	Joint cutter		24 / 40 / 3,2 / 11	1	325106
400 x 25,4	100 m/s	4,800 rpm	Joint cutter		28 / 40 / 3,4 / 11	1	325146
450 x 25,4	100 m/s	4,300 rpm	Joint cutter		32 / 40 / 3,7 / 11	1	325182
500 x 25,4	100 m/s	3,900 rpm	Joint cutter		36 / 40 / 3,7 / 11	1	325193



A large grid of small dots for taking notes, consisting of approximately 30 columns and 70 rows of dots.

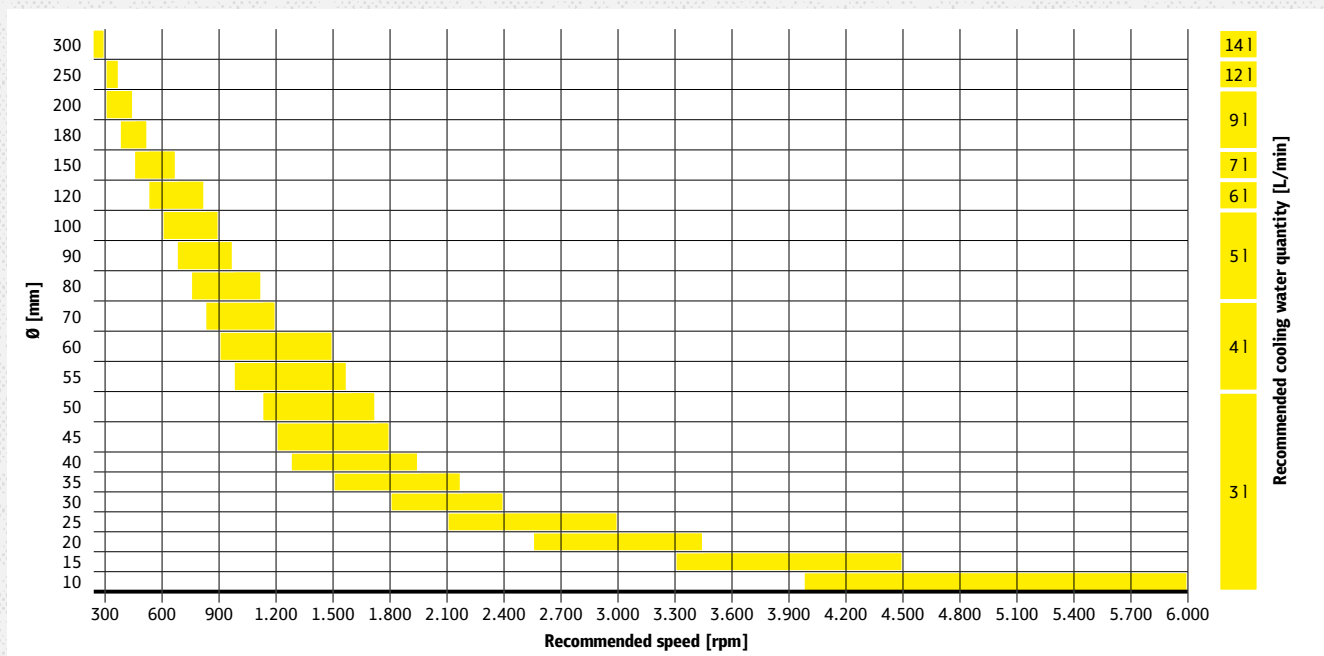
High performance drill bits for a wide range of applications

Fast, clean and safe: The drill bits engineered by Klingspor are high precision diamond tools that run perfectly true and are manufactured in Europe in accordance with the strictest safety requirements. Offering an exceptionally long service life, laser-welded roof segments ensure that cutting is continuously fast and sharp – better still, they can be used on both electric and hydraulic drilling machines.



Motor speeds and cooling water quantity

Selecting the proper range of motor speed and providing for sufficient cooling are key requirements for the quick, safe and long-lasting use of Klingspor's high performance drill bits.



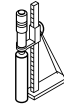
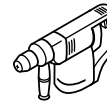
The recommended speed range

The chart illustrates the ideal speed range for drill bits as a function of the diameter and the maximum permissible operating speed.

Recommended cooling water quantity

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

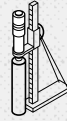
Drill bits with 1/2" connection



Concrete

1/2" drill bit

DK 612 B SUPRA



Properties:

Design Laser welded

Segmentation Standard

Aggression

Service life

Applications:

Concrete, universal



• 11 mm high roof-shaped segments

Advantages: Drill bits for universal applications - High cutting speed and service life - Roof-shaped segments for a fast first cut - Can be used on electric drilling machines - For replacement segments, see DE 600 B

Diameter in mm	Connection in inches	Effective length in mm	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
51	1/2"	300	Drilling machine	5 / 24 / 2,5 / 10	1	325720
56	1/2"	300	Drilling machine	5 / 24 / 2,5 / 10	1	325721
61	1/2"	300	Drilling machine	5 / 24 / 2,5 / 10	1	325722
71	1/2"	300	Drilling machine	7 / 24 / 2,5 / 10	1	325724
81	1/2"	300	Drilling machine	8 / 24 / 2,5 / 10	1	325755
91	1/2"	300	Drilling machine	9 / 24 / 2,5 / 10	1	325756
101	1/2"	300	Drilling machine	9 / 24 / 2,5 / 10	1	325757
111	1/2"	300	Drilling machine	10 / 24 / 2,5 / 10	1	325758
121	1/2"	300	Drilling machine	10 / 24 / 2,5 / 10	1	325759
131	1/2"	300	Drilling machine	10 / 24 / 2,5 / 10	1	325761
141	1/2"	300	Drilling machine	11 / 24 / 2,5 / 10	1	325762
151	1/2"	300	Drilling machine	12 / 24 / 2,5 / 10	1	325763
161	1/2"	300	Drilling machine	12 / 24 / 2,5 / 10	1	325764
171	1/2"	300	Drilling machine	12 / 24 / 2,5 / 10	1	325765
181	1/2"	300	Drilling machine	13 / 24 / 2,5 / 10	1	325766
201	1/2"	300	Drilling machine	15 / 24 / 2,5 / 10	1	325768

Drill bits with 1 1/4" connection



Concrete

1 1/4" drill bit

DK 654 B SUPRA



• 11 mm high roof-shaped segments

Properties:

Design Laser welded

Segmentation Standard

Aggression

Service life

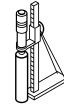
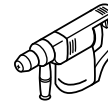
Applications:

Concrete, universal

Advantages: Drill bits for universal applications - Very fast cutting - Long service life - Roof-shaped segments like DK 612 B - Can be used on electric and hydraulic machines - For replacement segments, see DE 600 B

Diameter in mm	Connection in inches	Effective length in mm	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
52	1 1/4"	450	Drilling machine	5 / 24 / 3,5 / 11	1	325769
56	1 1/4"	450	Drilling machine	5 / 24 / 3,5 / 11	1	325770
61	1 1/4"	450	Drilling machine	5 / 24 / 3,5 / 11	1	325771
62	1 1/4"	450	Drilling machine	5 / 24 / 3,5 / 11	1	325772
66	1 1/4"	450	Drilling machine	5 / 24 / 3,5 / 11	1	325773
72	1 1/4"	450	Drilling machine	6 / 24 / 3,5 / 11	1	325774
82	1 1/4"	450	Drilling machine	7 / 24 / 3,5 / 11	1	325775
92	1 1/4"	450	Drilling machine	8 / 24 / 3,5 / 11	1	325776
102	1 1/4"	450	Drilling machine	9 / 24 / 3,5 / 11	1	325777
112	1 1/4"	450	Drilling machine	10 / 24 / 4 / 11	1	325778
122	1 1/4"	450	Drilling machine	10 / 24 / 4 / 11	1	325779
132	1 1/4"	450	Drilling machine	10 / 24 / 4 / 11	1	325781
142	1 1/4"	450	Drilling machine	11 / 24 / 4 / 11	1	325782
152	1 1/4"	450	Drilling machine	12 / 24 / 4 / 11	1	325783
162	1 1/4"	450	Drilling machine	13 / 24 / 4 / 11	1	325784
172	1 1/4"	450	Drilling machine	13 / 24 / 4 / 11	1	325785
182	1 1/4"	450	Drilling machine	14 / 24 / 4 / 11	1	325786
202	1 1/4"	450	Drilling machine	15 / 24 / 4,5 / 11	1	325787
225	1 1/4"	450	Drilling machine	16 / 24 / 4,5 / 11	1	325788
250	1 1/4"	450	Drilling machine	17 / 24 / 4,5 / 11	1	325789
300	1 1/4"	450	Drilling machine	22 / 20 / 5 / 11	1	325790

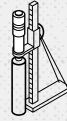
Drill bit segments for DK 654 and DK 612



Concrete

Individual segment

DE 600 B SUPRA



Properties:

Design Laser welded

Segmentation Standard

Aggression

Service life

Applications:

Concrete, universal ●

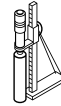
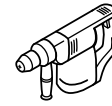


• 11 mm high roof-shaped segments

Advantages: Single, roof-shaped segments for a fast first cut - Replacement segments for DK 612 B and DK 654 drill bits

Length in mm	Machine	Segment in mm Length / Width / Height / Radius	Ø from - to	Packing unit/pcs.	Cat. number
20	Drilling machine	20 / 5 / 11 / G	-	30	325839
24	Drilling machine	24 / 3,5 / 11 / 30	56 - 62	30	325833
24	Drilling machine	24 / 3,5 / 11 / 40	72 - 87	30	325834
24	Drilling machine	24 / 3,5 / 11 / 50	92 - 112	30	325835
24	Drilling machine	24 / 4 / 11 / 60	107 - 142	30	325836
24	Drilling machine	24 / 4 / 11 / 80	142 - 182	30	325837
24	Drilling machine	24 / 4 / 11 / 100	182 - 272	30	325838

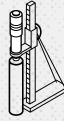
Drill bits with ring segments, 1/2" connection



Concrete

1/2" ring drill bit

DR 912 B SPECIAL



Properties:

Design Laser welded

Segmentation Standard

Aggression ■■■■■■■■

Service life ■■■■■■■■

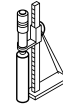
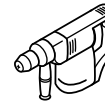
Applications:

Concrete, universal ●

Advantages: Fast cutting - Long service life on reinforced concrete - Thin segment up to 50 mm - Suitable for drill stand or handheld drilling

Diameter in mm	Connection in inches	Effective length in mm	Machine	Segment in mm Width / Height	Packing unit/pcs.	Cat. number
8	1/2"	300	Drilling machine	2 / 10	1	325791
10	1/2"	300	Drilling machine	2 / 10	1	325792
12	1/2"	300	Drilling machine	2 / 10	1	325793
14	1/2"	300	Drilling machine	2 / 10	1	325794
15	1/2"	300	Drilling machine	2,5 / 10	1	325795
16	1/2"	300	Drilling machine	2,5 / 10	1	325796
18	1/2"	300	Drilling machine	2,5 / 10	1	325797
20	1/2"	300	Drilling machine	2,5 / 10	1	325798
22	1/2"	300	Drilling machine	2,5 / 10	1	325799
24	1/2"	300	Drilling machine	2,5 / 10	1	325800
25	1/2"	300	Drilling machine	2,5 / 10	1	325801
26	1/2"	300	Drilling machine	2,5 / 10	1	325802
28	1/2"	300	Drilling machine	2,5 / 10	1	325803
30	1/2"	300	Drilling machine	2,5 / 10	1	325804
32	1/2"	300	Drilling machine	2,5 / 10	1	325805
35	1/2"	300	Drilling machine	3 / 10	1	325806
40	1/2"	300	Drilling machine	3 / 10	1	325807
42	1/2"	300	Drilling machine	3,5 / 10	1	325808
52	1/2"	300	Drilling machine	3,5 / 10	1	325811

Ring segments for drill bits DR 912 B



Concrete

Ring segment

DO 900 B SPECIAL



Properties:

Design Laser welded

Segmentation Standard

Aggression ■■■■■■■■

Service life ■■■■■■■■

Applications:

Concrete, universal ●

Advantages: Replacement ring segment for DR 912 B drill bit

Diameter in mm	Machine	Segment in mm Width / Height	Packing unit/pcs.	Cat. number
8	Drilling machine	2 / 10	10	325812
10	Drilling machine	2 / 10	10	325813
12	Drilling machine	2 / 10	10	325814
14	Drilling machine	2 / 10	10	325815
15	Drilling machine	2,5 / 10	10	325816
16	Drilling machine	2,5 / 10	10	325817
18	Drilling machine	2,5 / 10	10	325818
20	Drilling machine	2,5 / 10	5	325819
22	Drilling machine	2,5 / 10	5	325820
24	Drilling machine	2,5 / 10	5	325821
25	Drilling machine	2,5 / 10	5	325822
26	Drilling machine	2,5 / 10	5	325823
28	Drilling machine	2,5 / 10	5	325824
30	Drilling machine	2,5 / 10	3	325825
32	Drilling machine	2,5 / 10	3	325826
35	Drilling machine	3 / 10	3	325827
40	Drilling machine	3 / 10	3	325828
42	Drilling machine	3,5 / 10	3	325829
52	Drilling machine	3,5 / 10	3	325832

Universal

Core cutter for switch boxes

DD 600 U SUPRA



Properties:

Design	Laser welded
Edge	Segmented
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ ■ ■ □

Applications:

Masonry/Brickwork	●
Construction materials	●
Chalky sandstone	●

Advantages: For machining soft and medium-hard materials such as brick, clinker and firebrick

Diameter in mm	Mounting	Machine	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number
68	M 16	Drilling machine	4 / 20 / 3,5 / 8	1	325390
82	M 16	Drilling machine	6 / 20 / 3,5 / 8	1	325391

Stoneware

Dry drill bit

DK 600 F SUPRA



Properties:

Design	Vacuum-brazed
Edge	Closed

Applications:

Stoneware	●
Tiles	●
Stove tiles	●

Advantages: Dry drill bit for all Standard angle grinders - Suitable for the hardest of tiles, masonry and stoneware - Freehand centering - Precise and accurate drilling - Clean edges, precise holes - No splitting, cracking or chipping - No water needed

Diameter in mm	Mounting	Machine	Effective length in mm	Packing unit/pcs.	Cat. number
26	M 14	Angle grinder	45	1	325385
38	M 14	Angle grinder	45	1	325386
58	M 14	Angle grinder	35	1	325387
65	M 14	Angle grinder	35	1	325388
70	M 14	Angle grinder	35	1	325389

Diamond drill

DB 600 F SUPRA



Properties:

Design	Vacuum-brazed
Edge	Closed
Aggression	■■■■■□□
Service life	■■■■■□□

Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

Advantages: Dry cutting drill bit for drilling with pinpoint accuracy on hard materials such as fine stoneware, granite floor tiles and stove tiles - Clean edges - Precise holes - No bursting, cracking, or splintering - Integrated cooling wax - No water required - Excellent price-performance ratio

Diameter in mm	Mounting	Machine	Packing unit/pcs.	Cat. number
6	1/4"	Drilling machine	1	325382
8	1/4"	Drilling machine	1	325527
10	1/4"	Drilling machine	1	325383
12	1/4"	Drilling machine	1	325384
14	1/4"	Drilling machine	1	325528

Adapter kit

ADS 200



Advantages: SDS / hexagon adapter with 8 mm centre bit for article DD 600 U

Size in mm	Suitable for	Mounting	Packing unit/pcs.	Cat. number
115	DD 600 U	hexagon	1 set	236442
115	DD 600 U	SDS	1 set	236588

Hole starting aid

ABH 80



Advantages: Hole starting aid for professional diamond dry drill DB 600 F

Size in mm	Suitable for	Packing unit/pcs.	Cat. number
55	DB 600 F	1	313807



A large grid of small dots for writing notes, consisting of approximately 30 columns and 40 rows of dots.



A large grid of small, light gray dots for writing notes, covering the majority of the page area below the yellow line.

