



**Diamond
Blades**



800-645-5555 • www.klingspor.com



KLINGSPOR's Diamond Blades

KLINGSPOR, as one of the world's first and leading manufacturers of grinding and cutting tools, has always strived to expand markets and product opportunities without sacrificing product quality or losing focus. KLINGSPOR is now applying its extensive experience in research and development and manufacturing to a new direction – the production of diamond blades. With this step, KLINGSPOR is able to offer a well-rounded line-up of traditional abrasive products along with technologically advanced diamond blades to open up market opportunities in construction, water works maintenance and repair, and installation.

KLINGSPOR is raising the bar by utilizing the highest quality raw materials and state-of-the-art manufacturing equipment for the production of its diamond blades. With this combination, KLINGSPOR diamond blades cannot be beaten when it comes to quality and reliability.

As with all other KLINGSPOR high speed cutting and grinding tools, the new diamond blade line is covered by the oSa seal of approval for safety.

oSa® – the Center of Excellence for the safety of abrasives

KLINGSPOR is a founding member of the oSa®. **The Organization 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, this translates to increased safety during use and a lower liability risk.



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.
300 series- Soft aggregate



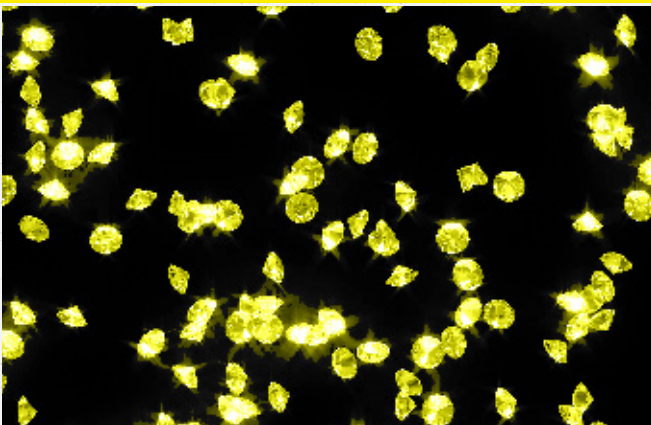
SUPRA

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.
600 series- Medium soft/medium aggregate



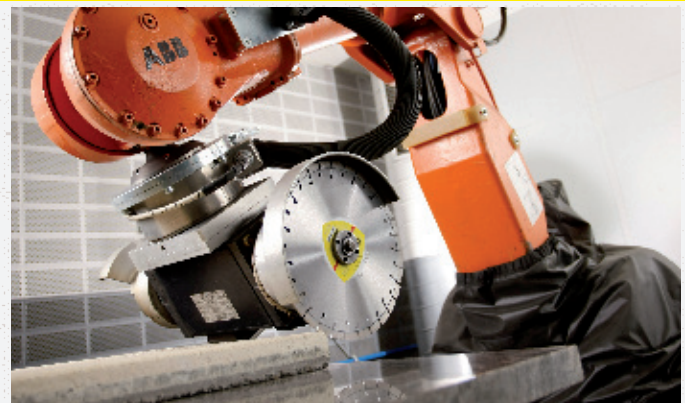
SPECIAL

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.
900 series- Medium hard/hard aggregate



KLINGSPOR Expertise in diamonds

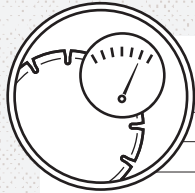
All of the diamonds and raw materials that KLINGSPOR use are supplied by the most renowned manufacturers to ensure consistency in the quality of our products.



Assured quality: We have built a custom test 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



+45%

2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

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.



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 22 kW.

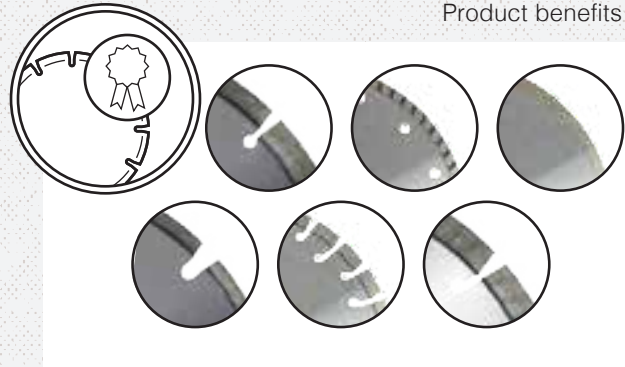


4. Toughest safety standards

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.

New cutting edge diamond tools

Product benefits



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.

Types of segments



Standard gullet

- ▶ rapid feed rate
- ▶ exceptional cutting properties



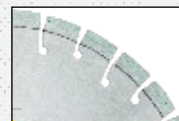
Continuous rim

- ▶ clean cutting edges
- ▶ work with superior precision
- ▶ short cutting times



Short segments

- ▶ first-rate cutting performance
- ▶ clean cutting edges



Narrow gullet

- ▶ clean cut
- ▶ exceptionally smooth operation thanks to narrow segment spacings



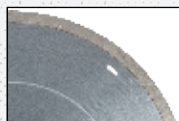
Turbo segments

- ▶ exceptionally smooth operation
- ▶ clean cutting edges
- ▶ fast cutting speed
- ▶ long service life



Wide gullet

- ▶ high feed rate

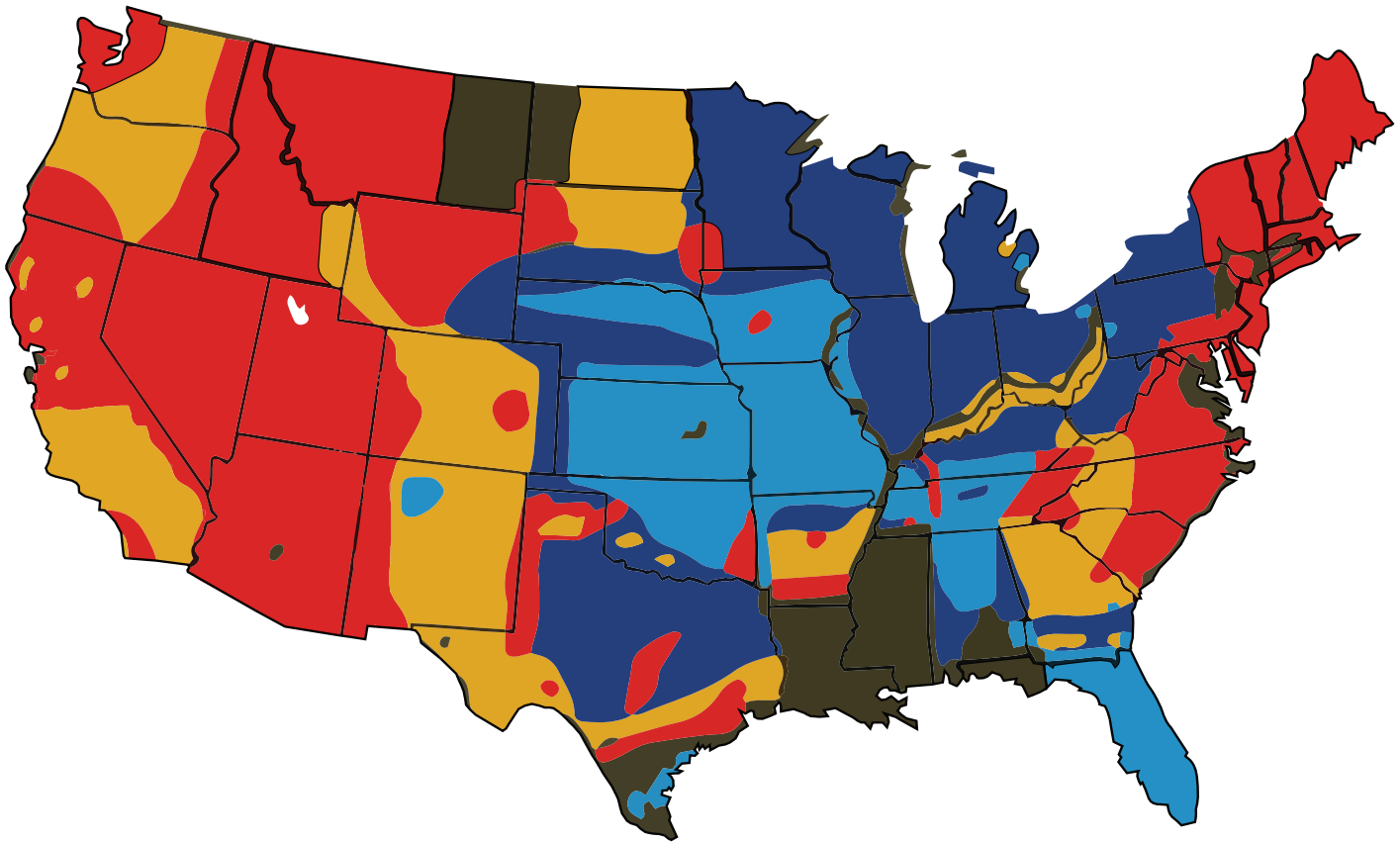


Continuous rim with laser-cut slots

- ▶ for fine and clean cutting edges
- ▶ specially designed for ceramic and fine stoneware

Aggregate Classification Map of the United States

■ SOFT
 ■ MEDIUM SOFT
 ■ MEDIUM
 ■ MEDIUM HARD
 ■ HARD



Based on your location and aggregate composition, KLINGSPOR's recommended blade types in 12" diameter and larger, are listed below:

Color Range	Aggregate Materials	Recommended Blade Types
SOFT	✓ SOFT LIMESTONE ✓ SILICEOUS ✓ SANDSTONE ✓ SOFT SHELL ✓ DOLOMITE LIMESTONE	DT 350 Series
MEDIUM SOFT	✓ PIT GRAVEL ✓ DOLOMITE ✓ LIMESTONE	DT 600, DT 602, and DT 612 series
MEDIUM	✓ MEDIUM HARD ROCK RIVER GRAVEL ✓ MEDIUM TRAPROCK ✓ DECOMPOSED GRANITE ✓ MEDIUM CRUSHED GRAVEL	DT 600, DT 602, and DT 612 Series
MEDIUM HARD	✓ GRANITE ✓ BASALT ✓ SLATE ✓ QUARTZITE ✓ TRAPROCK	DT 900, DT 902, and DT 910 Series
HARD	✓ HARD CHERT ✓ HARD RIVER ROCK ✓ HARD QUARTZ ✓ FLINT ROCK	DT 900, DT 902, and DT 910 Series

Asphalt & Concrete Diamond Blades

Concrete

Diamond cutting blade

DT 350 BT EXTRA



Also available in 20mm

Properties:

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

Applications:

Concrete	●
Cured concrete, reinforced	●
Hardscape	●
Paving	●

Advantages: Special turbo segments for an extremely high cutting speed on concrete and all concrete products - Fast and easy cutting with low vibration - Optimum service life - Optimum price-performance ratio

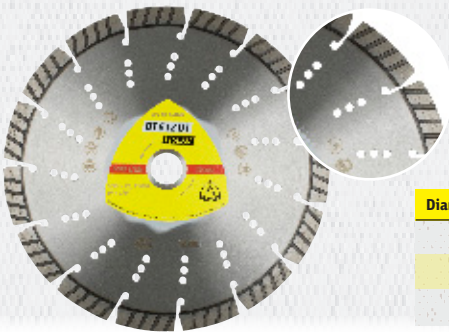
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	80 m/s	5,500 rpm	Gas Saw	22	1.57"	0.118"	0.472"

Asphalt and Concrete

Diamond cutting blade

DT 612 UT SUPRA



Also available in 20mm

Properties:

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

Applications:

Construction materials	●
Concrete	●
Cured concrete, reinforced	●
Chalky sandstone	●
Asphalt roads	●



• Turbo segments

Advantages: Special turbo segments for an extremely high cutting speed on almost all hard materials - Excellent service life even on reinforced concrete

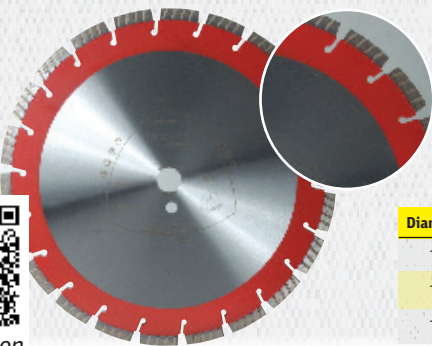
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Gas Saw	20	1.57"	0.110"	0.472"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	22	1.57"	0.118"	0.472"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	26	1.57"	0.126"	0.472"

Asphalt and Concrete

Diamond cutting blade

DT 900 B SPECIAL



Also available in 20mm

Properties:

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

Applications:

Cured concrete, reinforced	●
Asphalt roads	●
High aggregate concrete	●



• 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

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Gas Saw	20	1.57"	0.110"	0.472"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	22	1.57"	0.118"	0.472"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	26	1.57"	0.126"	0.472"



See In Action

Concrete

Diamond cutting blade

DT 900 UX SPECIAL



• Titanium-coated diamonds

Properties:

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

Applications:

Concrete	●
Construction Materials	●
Cured concrete, reinforced	●

Advantages: Special arrangement of the diamonds ensures a very high cutting speed and good service life - Ideally suited for almost all construction materials

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	100 m/s	5,500 rpm	Gas Saw	22	1.57"	0.118"	0.472"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	26	1.57"	0.142"	0.472"
18" x 1"	100 m/s	4,300 rpm	Walk Behind	30	1.57"	0.142"	0.472"
20" x 1"	100 m/s	3,900 rpm	Walk Behind	34	1.57"	0.142"	0.472"

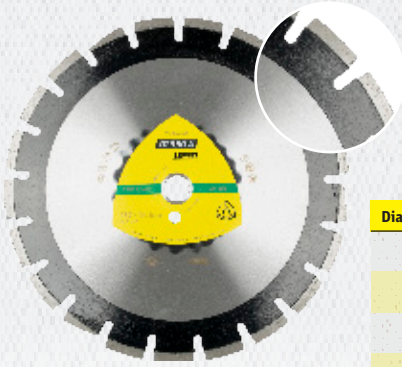


Asphalt Blades

Asphalt

Diamond cutting blade

DT 350 A EXTRA



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

Applications:	
Asphalt	●
Green	●
Concrete	●



• Protective incline segments

Advantages: Best price to performance blade for asphalt and green concrete.

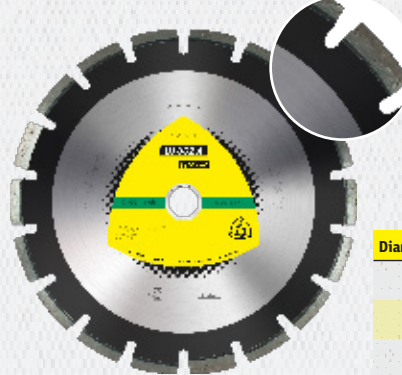
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Gas Saw	18	1.57"	0.110"	0.394"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	24	1.57"	0.126"	0.394"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	24	1.57"	0.134"	0.394"
18" x 1"	100 m/s	4,300 rpm	Gas Saw	24	1.57"	0.134"	0.394"
20" x 1"	100 m/s	3,900 rpm	Gas Saw	24	1.57"	0.134"	0.394"

Asphalt

Diamond cutting blade

DT 602 A SUPRA



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

Applications:	
Asphalt	●
Green concrete	●



• Protective segments

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

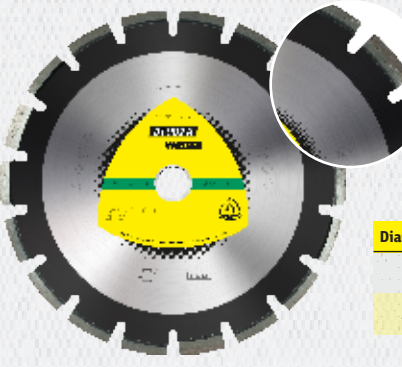
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	5,500 rpm	Gas Saw	24	1.57"	0.126"	0.394"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	24	1.57"	0.134"	0.394"
18" x 1"	100 m/s	4,300 rpm	Walk Behind	25	1.57"	0.146"	0.394"

Asphalt

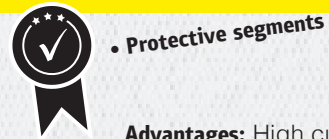
Diamond cutting blade

DT 902 A SPECIAL



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

Applications:	
Asphalt	●
Sandstone	●
Green concrete	●
Screed	●



• Protective segments

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

Segment Dimensions

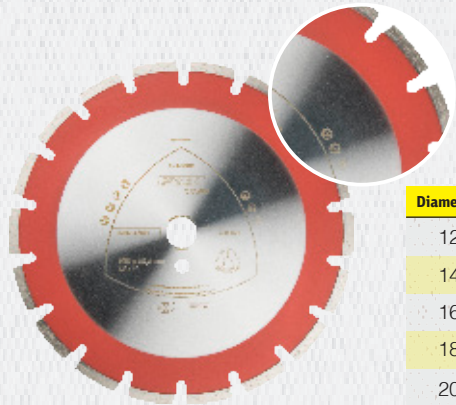
Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
18" x 1"	100 m/s	4,300 rpm	Walk Behind	28	1.57"	0.146"	0.472"
20" x 1"	100 m/s	3,900 rpm	Walk Behind	30	1.57"	0.146"	0.472"



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

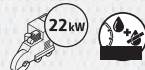
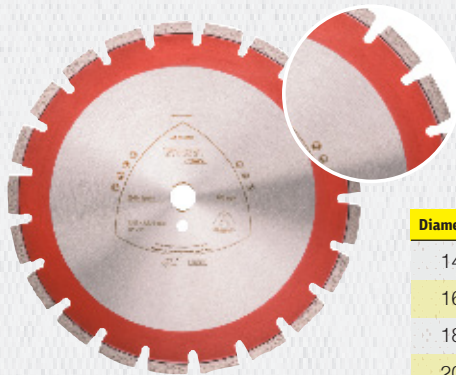
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Walk Behind	18	1.57"	0.110"	0.354"
14" x 1"	100 m/s	5,500 rpm	Walk Behind	21	1.57"	0.126"	0.354"
16" x 1"	100 m/s	4,800 rpm	Walk Behind	24	1.57"	0.134"	0.354"
18" x 1"	100 m/s	4,300 rpm	Walk Behind	25	1.57"	0.146"	0.354"
20" x 1"	100 m/s	3,900 rpm	Walk Behind	30	1.57"	0.146"	0.354"

Concrete

Diamond cutting blade

DT 902 B SPECIAL



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

Applications:	
Cured concrete	●
Cured concrete, reinforced	●
High-aggregate concrete	●
Asphalt roads	●

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

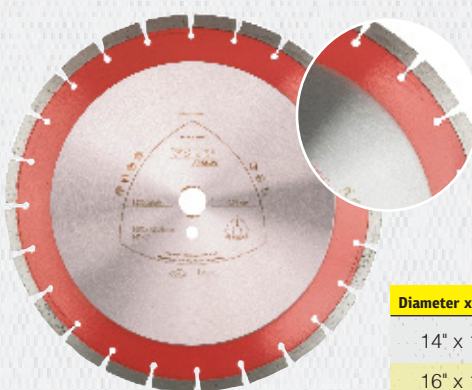
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	100 m/s	5,500 rpm	Walk Behind	21	1.57"	0.126"	0.433"
16" x 1"	100 m/s	4,800 rpm	Walk Behind	24	1.57"	0.134"	0.433"
18" x 1"	100 m/s	4,300 rpm	Walk Behind	26	1.57"	0.146"	0.433"
20" x 1"	100 m/s	3,900 rpm	Walk Behind	30	1.57"	0.146"	0.433"

Concrete

Diamond cutting blade

DT 910 BF SPECIAL



Properties:	
Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■
Service life	■■■■■■■

Applications:	
Green concrete	●
Building construction	●
Drilling and saw operations	●
Road construction	●
High-aggregate concrete	●
Asphalt roads	●



- 12mm segments
- Dropsegment

Advantages: Smooth and easy cutting performance, 12 mm tall segments, Protective segments shield the core, Outstanding service life

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	100 m/s	5,500 rpm	Joint Cutter	24	1.57"	0.118"	0.472"
16" x 1"	100 m/s	4,800 rpm	Joint Cutter	28	1.57"	0.126"	0.472"
18" x 1"	100 m/s	4,300 rpm	Joint Cutter	28	1.57"	0.126"	0.472"

Universal Concrete Diamond Blades



Concrete and Masonry

Diamond cutting blade

DT 350 U EXTRA



Also available in 20mm

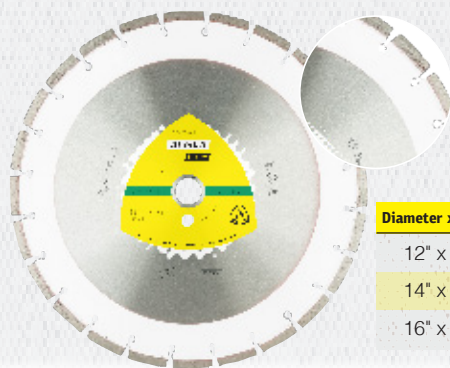
Properties:

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

Applications:

- Site construction materials ●
- Concrete, universal ●
- Landscape block/pavers ●

Advantages: Quality product with laser-welded standard segments for general construction site materials - Easy, low-vibration and fast cutting with very good service life - Optimum price-performance ratio



Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Gas Saw	18	1.57"	0.110"	0.394"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	24	1.57"	0.126"	0.394"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	24	1.57"	0.134"	0.394"

Segment Dimensions

Concrete and Ductile

Diamond cutting blade

DT 600 U SUPRA



Also available in 20mm

Properties:

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

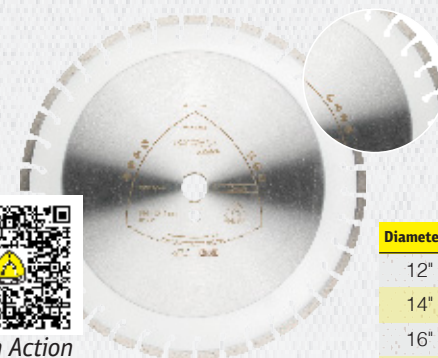
Applications:

- Concrete Curbs/Pipe ●
- Cured concrete, reinforced ●
- Landscape block/pavers ●
- Limestone Concrete ●

Advantages: Diamond 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



• Short segments



See In Action

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Gas Saw	32	0.94"	0.110"	0.394"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	37	0.94"	0.118"	0.394"
16" x 1"	100 m/s	4,800 rpm	Gas Saw	43	0.94"	0.126"	0.394"
18" x 1"	100 m/s	4,300 rpm	Table	48	0.94"	0.126"	0.394"
20" x 1"	100 m/s	3,900 rpm	Table	54	0.94"	0.126"	0.394"

Segment Dimensions

Concrete and Masonry

Diamond cutting blade

DT 900 U SPECIAL



Also available in 20mm

Properties:

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

Applications:

- Construction materials ●
- Masonry ●
- Hardscape ●
- Chalky sandstone ●
- Hard stone ●
- Granite ●

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



• Premium All-Rounder



Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
12" x 1"	100 m/s	6,400 rpm	Table Saw	18	1.57"	0.110"	0.394"
14" x 1"	100 m/s	5,500 rpm	Table Saw	21	1.57"	0.118"	0.394"
16" x 1"	100 m/s	4,800 rpm	Table Saw	24	1.57"	0.126"	0.394"
18" x 1"	100 m/s	4,300 rpm	Table Saw	26	1.57"	0.142"	0.394"
20" x 1"	100 m/s	3,900 rpm	Table Saw	30	1.57"	0.146"	0.394"

Segment Dimensions

Angle Grinder Concrete Combo



Concrete and Masonry

Diamond cutting blade

DT 350 U EXTRA



Properties:

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

Applications:

- Site construction materials ●
- Concrete, universal ●
- Landscape block/pavers ●

Advantages: Quality product with laser-welded standard segments for general construction site materials - Easy, low-vibration and fast cutting with very good service life - Optimum price-performance ratio

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	8	1.30"	0.094"	0.394"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	9	1.30"	0.094"	0.394"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	11	1.65"	0.102"	0.394"

Concrete and Masonry

Diamond cutting blade

DT 600 U SUPRA



Properties:

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

Applications:

- Concrete Curbs/Pipe ●
- Cured concrete, reinforced ●
- Landscape block/pavers ●
- Limestone Concrete ●



Short segments

Advantages: Concrete and block 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

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
4" x 5/8"	80 m/s	15,300 rpm	Angle Grinder	11	0.79"	0.094"	0.354"
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	13	0.79"	0.094"	0.354"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	15	0.79"	0.094"	0.354"
6" x 7/8"	80 m/s	10,200 rpm	Angle Grinder	18	0.79"	0.094"	0.354"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	22	0.79"	0.094"	0.354"

Concrete and Masonry

Diamond cutting blade

DT 612 UT SUPRA



Properties:

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

Applications:

- Concrete/reinforced ●



Turbo segments

Advantages: High cutting rate on almost all hard materials.

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	9	1.30"	0.094"	0.472"

All Cut Metal

Diamond cutting blade

DT 600 ACM SUPRA



Properties:

Design	Vacuum-brazed
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□□

Applications:

- Building Construction ●
- Gardening & Landscaping ●
- Paving Companies ●
- Road Companies ●
- Steel Construction ●

Advantages: Vacuum-brazed disc for almost all metals - No wear behavior as with conventional diamond cutting blades and therefore almost odorless and dirt-free - Extra thin blade for high cutting performance and aggressiveness.

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	8	1.65"	0.094"	0.071"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	10	1.42"	0.094"	0.071"
9" x 7/8"	80 m/s	6,600 rpm	Angle Grinder	16	1.65"	0.094"	0.071"

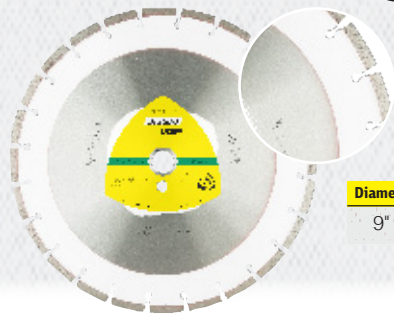
9" Battery Saw Blades



Concrete and Masonry

Diamond cutting blade

DT 350 U EXTRA



Properties:

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

Applications:

Site construction materials	●
Concrete, universal	●
Landscape block/pavers	●

Advantages: Quality product with laser-welded standard segments for general construction site materials - Easy, low-vibration and fast cutting with very good service life - Optimum price-performance ratio

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Segment Dimensions		
					Length	Width	Height
9" x 7/8"	80 m/s	6,600 rpm	Electric Cut-off	15	1.65"	0.102"	0.394"

Concrete and Masonry

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

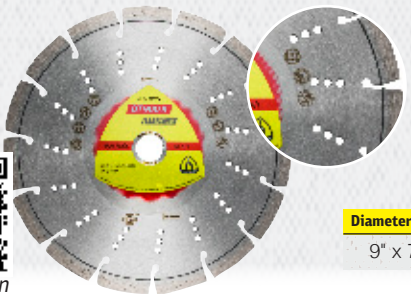
Advantages: Suitable for a various range of applications - First-rate cutting performance - Exceptional service life thanks to the use of premium grade raw materials and diamonds - Clean cutting edges

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Segment Dimensions		
					Length	Width	Height
9" x 7/8"	80 m/s	6,600 rpm	Electric Cut-off	30	0.79"	0.102"	0.354"

Demolition

Diamond cutting blade

DT 900 B SPECIAL



Properties:

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

Applications:

Cured concrete, reinforced	●
Asphalt roads	●
High aggregate concrete	●



• 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	Max Operating Speed	Max RPM's	Machine	Number	Segment Dimensions		
					Length	Width	Height
9" x 7/8"	80 m/s	6,600 rpm	Electric Cut-off	15	1.65"	0.102"	0.472"



Demolition

Diamond cutting blade

DT 900 ACR SPECIAL



Properties:

Design	Vacuum-brazed
Segmentation	Narrow gullet
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ ■ ■ ■

Applications:

Concrete, universal	●
Asphalt	●
Construction materials	●
Glass	●
Wood	●
Rubber	●
Metals	●
Cast Iron	●
Ductile Iron	●
PVC/Plastic	●

Advantages: Vacuum-brazed diamond blade for easily cutting almost all material, wet or dry. Due to the complex manufacturing process, a particularly stable connection between the core and segmentation is achieved. This has a positive effect on lifetime and aggression. Allowing for aggressive cutting action on many different materials.

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Segment Dimensions		
					Length	Width	Height
9" x 7/8"	80 m/s	6,600 rpm	Electric Cut-Off	12	2.20"	0.110"	0.394"

Diamond Cup Grinding Wheels



Concrete

Diamond cup grinding wheel

DS 300 B EXTRA



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

Applications:	
Concrete	●
Screed	●
Construction materials	●

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

Also available in 5/8"-11

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Width	Height
4" x 5/8"	80 m/s	15,300 rpm	Angle Grinder	14	0.276"	0.217"
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	14	0.323"	0.217"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	18	0.276"	0.197"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	22	0.315"	0.197"

Concrete

Diamond cup grinding wheel

DS 600 B SUPRA



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

Applications:	
Concrete	●
Screed	●
Construction materials	●

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

Also available in 5/8"-11

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Width	Height
4" x 5/8"	80 m/s	15,300 rpm	Angle Grinder	16	0.335"	0.217"
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	16	0.323"	0.217"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	20	0.283"	0.217"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	24	0.315"	0.217"

Concrete and Stone

Diamond cup grinding wheel

DS 600 S SUPRA



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

Applications:	
Concrete	●
Firebrick	●
Natural stone	●
Masonry	●
Brickwork	●



Special geometry

Advantages: Excellent dust extraction thanks to specially designed (fan-shaped) opening - Low weight thanks to lightweight steel plate - Rugged performance and operation with minimum vibrations

Segment Dimensions

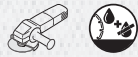
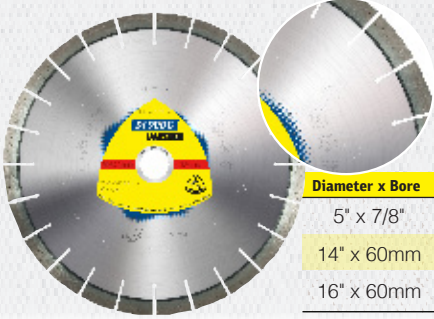
Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Width	Height
4" x 5/8"	80 m/s	15,300 rpm	Angle Grinder	16	0.283"	0.217"
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	16	0.283"	0.217"
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	16	0.283"	0.217"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	24	0.307"	0.217"

Specialty Diamond Blades

Granite

Diamond cutting blade

DT 900 G SPECIAL



Properties:

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

Applications:

Granite	●
Stone	●



Conical Segments

Advantages: Outstanding cutting properties thanks to narrow spacing of tapered segments, low vibration detenso core

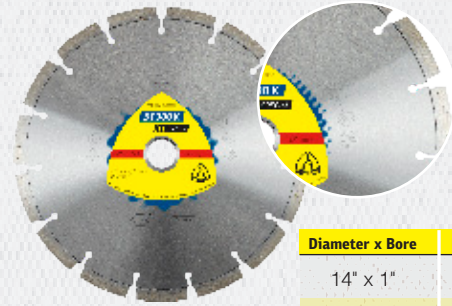
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	13	1.10"	0.098"	0.472"
14" x 60mm	100 m/s	5,500 rpm	Gantry Saw	23	1.57"	0.118"	.551"
16" x 60mm	100 m/s	4,800 rpm	Gantry Saw	27	1.57"	0.142"	.551"

Refractory & Clinker

Diamond cutting blade

DT 900 K SPECIAL



Properties:

Design	Laser welded
Segmentation	Standard
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

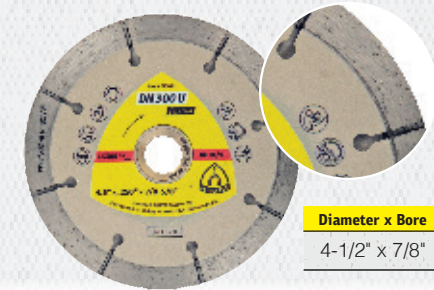
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	100 m/s	5,500 rpm	Machine Gas Saw	24	1.57"	0.126"	0.394"
7" x 7/8"	80 m/s	8,500 rpm	Angle Grinder	11	1.65"	0.102"	0.472"

Tuck-Pointing

Diamond cutting blade

DN 300 U EXTRA



Properties:

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

Applications:

Mortar joints	●
Plaster	●
Aerated concrete	●

Advantages: Sandwich blade construction provides for 1/4" thick cut, ideal for removing mortar from bricks, good price for performance

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	8	1.65"	0.250"	0.433"

Crack Chasing

Diamond cutting blade

DN 600 UV SUPRA



Properties:

Design	Sintered
Segmentation	V-shaped
Aggression	■■■■■■□□
Service life	■■■■■■□□

Applications:

Concrete Repair	●
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Advantages: 3/8" thick V-shaped segments allow for fast removal from concrete cracks

Segment Dimensions

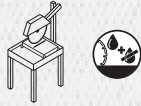
Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	8	1.65"	0.250"	0.433"
4-1/2" x 5/8"-11	80 m/s	13,300 rpm	Angle Grinder	8	1.26"	0.375"	0.512"

Speciality Diamond Blades

Tiles

Diamond cutting blade

DT 600 P SUPRA



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

Applications:	
Stove tiles	●
Stoneware	●
Masonry/Brickwork	●

Advantages: Fast and clean cutting of hard and brittle porcelain tiles

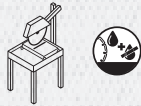
Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
14" x 1"	100 m/s	5,500 rpm	Table/Masonry Saw	Continuous	Continuous	0.080"	7"

Tiles

Diamond cutting blade

DT 900 P SUPRA



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

Applications:	
Stove tiles	●
Firebrick	●
Granite	●

Advantages: Fast and clean cutting of hard and brittle porcelain tiles

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
7" x 5/8"	80 m/s	8,500 rpm	Table/Masonry Saw	Continuous	Continuous	0.060"	7"
10" x 5/8"	80 m/s	7,500 rpm	Table/Masonry Saw	Continuous	Continuous	0.060"	7"
12" x 5/8"	80 m/s	6,500 rpm	Table/Masonry Saw	Continuous	Continuous	0.060"	7"
14" x 5/8"	80 m/s	5,500 rpm	Table/Masonry Saw	Continuous	Continuous	0.060"	7"

DT 900 ACR All Cut Rescue Also available in 20mm

Advantages



Vacuum-brazed diamond blade for easily cutting almost all material, wet or dry. Due to the complex manufacturing process, a particularly stable connection between the core and segmentation is achieved. This has a positive effect on lifetime and aggression. Allowing for aggressive cutting action on many different materials.



Properties

Design	Vacuum-brazed
Segmentation	Narrow gullet
Aggression	■■■■■■■
Service life	■■■■■■■




Applications

Concrete, universal	●	Wood	●	Cast Iron	●
Asphalt	●	Rubber	●	Ductile Iron	●
Construction materials	●	Metals	●	PVC/Plastic	●
Glass	●				

Segment Dimensions

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Number	Length	Width	Height
9" x 7/8"	80 m/s	6,300 rpm	Electric Cut-off	12	2.20"	0.110"	0.394"
12" x 1"	100 m/s	6,400 rpm	Gas Saw	16	2.25"	0.122"	0.236"
14" x 1"	100 m/s	5,500 rpm	Gas Saw	20	2.09"	0.122"	0.236"

Application	Material	Product Characteristics	Product
 <p data-bbox="131 551 472 616">Cutting of concrete and general construction material using petrol-powered cutters</p>	<p data-bbox="594 286 724 396">Building Site Construction Materials (Concrete / Block / Stone)</p> <p data-bbox="594 411 724 476">Street and Highway Construction</p> <p data-bbox="618 491 700 534">Asphalt & Concrete</p>	<ul data-bbox="762 168 1303 627" style="list-style-type: none"> ▶ Diamond cutting blade with an outstanding price-performance ratio. ▶ Cutting performance and service life improved 50% over similar priced, private labelled sintered blades. ▶ Diamond cutting blade for demanding applications at the construction site (e.g. longer service life on reinforced concrete or hard materials) ▶ Steel core: Cooling bores for improved heat dissipation ▶ High performance diamond cutting blade with high cutting speed thanks to turbo segments ▶ Additionally extended service life ▶ Titanium-coated diamonds ▶ Special arrangement of the diamonds ensures a very high cutting speed and good service life ▶ Ideally suited for almost all construction materials 	 <p data-bbox="1333 256 1471 278">DT 350 BT EXTRA</p>  <p data-bbox="1333 381 1471 403">DT 612 UT SUPRA</p>  <p data-bbox="1333 504 1471 526">DT 900 B SPECIAL</p>  <p data-bbox="1333 627 1471 648">DT 900 UX SPECIAL</p>
 <p data-bbox="131 1004 561 1047">Cutting of concrete and general construction material using petrol-powered cutters</p>	<p data-bbox="618 847 690 868">Asphalt</p>	<ul data-bbox="762 659 1303 1052" style="list-style-type: none"> ▶ High quality diamond cutting blade for cutting asphalt with a handheld gas saw. ▶ Inclined segments prevent undercutting of the steel core, while aiding the removal of cut asphalt from the kerf. ▶ Also suitable for green concrete ▶ High quality diamond cutting blade for asphalt with first-rate cutting speed ▶ Segment: Laser welded, 10 mm, wide gullet ▶ Safety segments prevent the undercutting-effect and provide optimum protection of the steel core ▶ Premium-quality professional blade for asphalt; also suitable for green concrete and screed ▶ Segment: Laser welded, 12 mm, wide gullet ▶ Safety segments prevent the undercutting-effect and provide optimum protection of the steel core 	 <p data-bbox="1333 752 1471 774">DT 350 A EXTRA</p>  <p data-bbox="1333 875 1471 896">DT 602 A SUPRA</p>  <p data-bbox="1333 996 1471 1017">DT 902 A SPECIAL</p>
 <p data-bbox="131 1414 530 1457">Cutting of Utility Construction Materials with a Hand Held Gas Saw.</p>	<p data-bbox="618 1267 700 1310">Premium Concrete</p>	<ul data-bbox="762 1080 1219 1461" style="list-style-type: none"> ▶ First-rate cutting performance ▶ Fast cutting speed ▶ Particularly well suited for concrete with medium reinforcement ▶ Suitable for use on electric joint cutters ▶ First-rate cutting performance ▶ Ultra fast cutting speed ▶ Suitable for concrete with strong reinforcement ▶ Smooth and easy cutting performance ▶ 12 mm tall segments ▶ Protective segments shield the core ▶ Outstanding service life 	 <p data-bbox="1333 1183 1471 1205">DT 602 B SUPRA</p>  <p data-bbox="1333 1306 1471 1328">DT 902 B SPECIAL</p>  <p data-bbox="1333 1427 1471 1448">DT 910 BF SPECIAL</p>
	<p data-bbox="606 1737 724 1823">General Construction Materials/ Universal</p>	<ul data-bbox="762 1522 1303 2000" style="list-style-type: none"> ▶ Diamond cutting blade with an outstanding price-performance ratio. ▶ Cutting performance and service life improved 50% over similar priced sintered blades. ▶ Short segment technology for a high level of aggressiveness during cutting ▶ Exceptionally wide range of applications (including hard materials such as granite) ▶ High performance diamond cutting blade with high cutting speed thanks to turbo segments ▶ Additionally extended service life ▶ Titanium-coated diamonds become exposed when cutting to increase aggression. Titanium coating also increases diamond adhesion in metal bond to allow 50% more diamond to be exposed before they release from bond. 	 <p data-bbox="1333 1614 1471 1636">DT 350 U EXTRA</p>  <p data-bbox="1333 1737 1471 1759">DT 600 U SUPRA</p>  <p data-bbox="1333 1858 1471 1880">DT 900 U SPECIAL</p>

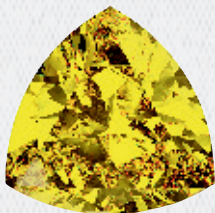
Application	Material	Product Characteristics	Product
 <p data-bbox="105 454 572 502">Cutting of concrete and general construction material using petrol-powered cutters</p>	Concrete and Masonry for Angle Grinders	<ul style="list-style-type: none"> ▶ Quality product with laser-welded standard segments for general construction site materials ▶ Easy, low-vibration and fast cutting with very good service life ▶ Optimum price-performance ratio 	 <p data-bbox="1350 260 1491 282">DT 350 U EXTRA</p>
 <p data-bbox="131 890 488 983">Cutting of concrete and general construction material using petrol-powered cutters</p>	Concrete and general construction material	<ul style="list-style-type: none"> ▶ Diamond cutting blade with an outstanding price-performance ratio ▶ Cutting performance and service life improved 50% over sintered diamond blades ▶ Low Vibration with Fast cutting edges 	 <p data-bbox="1350 642 1491 664">DT 350 U EXTRA</p>
	Cup Grinding Wheels for General Construction Materials	<ul style="list-style-type: none"> ▶ Double row cup grinding wheel with outstanding stock removal performance ▶ High aggressiveness at low force requirements ▶ Exceptional price-performance ratio 	 <p data-bbox="1350 1101 1491 1123">DS 300 B EXTRA</p>
 <p data-bbox="119 1813 502 1877">Cutting of concrete and general construction material using petrol-powered cutters</p>	Specialty-Granite, Klinker, Tuck Point, Crack Chasing Porcelain Tiles	<ul style="list-style-type: none"> ▶ Premium-quality professional blade for asphalt; also suitable for green concrete and screed ▶ Safety segments prevent the undercutting-effect and provide optimum protection of the steel core 	 <p data-bbox="1350 1496 1491 1517">DT 900 G</p>
	All Cut Rescue	<ul style="list-style-type: none"> ▶ High quality diamond cutting blade for asphalt and concrete, specially engineered for use on both materials, titanium-coated diamonds for excellent service life and superior aggressiveness ▶ Safety segments prevent the undercutting-effect and provide optimum protection of the steel core 	 <p data-bbox="1350 1625 1491 1647">DT 900 K SPECIAL</p>
		<ul style="list-style-type: none"> ▶ High quality diamond cutting blade for asphalt with first-rate cutting speed ▶ Safety segments prevent the undercutting-effect and provide optimum protection of the steel core 	 <p data-bbox="1350 1754 1491 1776">DN 300 U</p>
		<ul style="list-style-type: none"> ▶ High quality diamond cutting blade for cutting asphalt with a handheld gas saw. ▶ Inclined segments prevent undercutting of the steel core, while aiding the removal of cut asphalt from the kerf. ▶ Also suitable for green concrete 	 <p data-bbox="1350 1884 1491 1905">DN 600 UV</p>
		<ul style="list-style-type: none"> ▶ Vacuum-brazed diamond cut-off wheel ▶ Cuts concrete, steel, power cables, rebar, wood, rubber, bitumen, glass, GF plastic, PVC tubes and much more. ▶ Especially suited for rescue service. 	 <p data-bbox="1350 2013 1491 2035">DT 900ACR SPECIAL</p>

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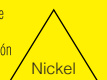
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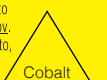
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