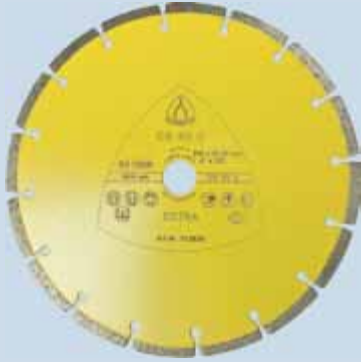


- A Standard toothing**
  - high feed speed
- B Turbo segments**
  - short cutting times
  - fast and stable
- C Closely toothed tools**
  - quiet and little vibration
  - clean cut
  - very smooth operation thanks to short segment distances
- D Turbo rim**
  - very smooth operation
  - clean edges
- E Core protection segments**
  - prevent rear grinding
  - optimal protection of the steel blade
  - very smooth operation
- F Closed edge**
  - clean edges
  - precise working
  - short cutting times
- G Forging toothing**
  - very smooth operation
  - very good temperature tolerance
  - longer life than standard toothing
  - very safe
- H Hammer segments**
  - prevent rear grinding
  - prevent segments tearing off
  - optimal protection thanks to segments soldered in

**Diamond cutting discs are high-performance tools and withstand great loads during use. Therefore, you should comply with the following instructions of use for your own safety:**

- only use KLINGSPUR diamond cutting blades on grinding machines designed for this purpose
- observe direction of rotation, direction of arrow of the cutting blade and direction of rotation of the machine must be identical
- ensure that the diamond cutting blade is fastened securely and centrally
- the bore hole of the diamond cutting blade must be identical with the diameter of the mounting device on the machine
- clean the flange facing before mounting of the disc. Ensure that the disc is fixed in accordance with regulations and please observe the specified size of the flanges of 70 - 100 mm diameter
- never use discs that are out-of-balance or that wobble
- in addition to safety goggles, ear muffs, safety gloves and dust masks, wear face protection, leather aprons and safety boots
- use the protective gear of the grinding machines, e.g. protective helmets, covers, screens
- do not exceed the maximum operating speed respectively maximum rpm
- mount respectively lay the material to be cut firmly
- do not overload the diamond cutting blade, allow it to cool
- do not apply the diamond cutting blade harshly, do not work in jerks, avoid bumps
- do not tilt the blade, only cut in straight lines, do not cut out curves
- do not apply high cutting pressure, the weight of the machine is sufficient
- cut large cross sections in several operations
- ensure that the type of the diamond cutting blade is suitable for the material to be worked

**Quality diamond cutting blade  
DS 60 U**

**Properties**

Good general purpose wheel

**Advantages**

Suitable for use on all standard construction materials ■ Attractive price-performance ratio

**Applications:**

- Construction materials
- Pavement slabs
- Concrete
- Brickwork

**Design**

Sintered

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
115 x 22,23	80 m/s	13,300 rpm	Angle grinder	9 / 32 / 1,8 / 7	1	313633		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	10 / 32 / 1,8 / 7	1	313634		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	14 / 34 / 2,2 / 7	1	313635		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	16 / 39 / 2,4 / 7	1	313636		

**Quality diamond cutting blade  
DT 60 U**

**Properties**

Good general purpose wheel ■ Turbo rim

**Advantages**

For use on all standard construction materials ■ Highly suitable for roofing work ■ Clean edges ■ Attractive price-performance ratio

**Applications:**

- Construction materials
- Brickwork
- Concrete
- Pavement slabs

**Design**

Sintered

**Edge**

Turbo



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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* / 2,0 / 7	1	313637		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR* / CR* / 2,4 / 7	1	313638		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR* / CR* / 2,4 / 7	1	313639		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR* / CR* / 2,6 / 7	1	313640		

C R\* = Continuous Rim

**Please observe: Please see Applications Guide on page 244 - 245.**

## Quality diamond cutting blade DG 60 F



### Properties

Closed rim

### Advantages

Clean edges when used for cutting tiles ■ Attractively priced quality wheel

### Applications:

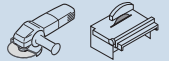
- Floor tiles
- Stove tiles

### Design

Sintered

### Edge

Closed



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 6	1	313641		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR* / CR* / 1,6 / 6	1	313642		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR* / CR* / 2,0 / 6	1	313643		
200 x 30/25,4	80 m/s	7,600 rpm	Angle grinder, Wall chaser	CR* / CR* / 2,0 / 6	1	313644		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR* / CR* / 2,0 / 6	1	313645		

## Professional diamond cutting blade DS 80 G



### Properties

Ideal for granite, natural stone and feldspar (e.g. hard granite with a high quartz content) ■ Close-cut serration

### Advantages

Low noise and vibration levels ■ Ideal for use on table saws ■ Clean edges

### Applications:

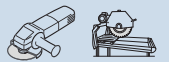
- Natural stone
- Granite
- Terrazzo
- Clinker
- Reinforced concrete
- Stove tiles
- Construction materials

### Design

Laser welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	12 / 30 / 2,8 / 9	1	313678		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	18 / 30 / 2,8 / 9	1	313679		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	24 / 30 / 2,8 / 9	1	313680		
250 x 30/25,4	80 m/s	6,100 rpm	Table saw up to 7,5 kW	28 / 30 / 2,8 / 9	1	313681		
300 x 30/25,4	100 m/s	6,400 rpm	Table saw up to 7,5 kW	30 / 30 / 2,8 / 9	1	313682		
350 x 30/25,4	100 m/s	5,500 rpm	Table saw up to 7,5 kW	34 / 30 / 2,8 / 9	1	313683		

From diameter 300 mm with driving hole

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.

**Professional diamond cutting blade**  
**DS 80 U**

**Properties**

Professional tool

**Advantages**

General purpose wheel for use on all standard construction materials ■ Outstanding price-performance ratio

**Applications:**

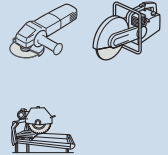
- Construction materials
- Concrete
- Reinforced concrete
- Clinker
- Brickwork

**Design**

Laser welded

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 34 / 2,3 / 10	1	313646		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 32 / 2,3 / 10	1	313647		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	14 / 32 / 2,3 / 10	1	313648		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	16 / 38 / 2,4 / 10	1	313649		
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	21 / 38 / 3,0 / 10	1	313650		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Table saw	21 / 38 / 3,0 / 10	1	313651		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	24 / 40 / 3,2 / 10	1	313652		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Table saw	24 / 40 / 3,2 / 10	1	313653		

**Professional diamond cutting blade**  
**DT 80 U**

**Properties**

Professional tool ■ Turbo rim

**Advantages**

General purpose wheel for use on all standard construction materials ■ Clean edges ■ Outstanding price-performance ratio

**Applications:**

- Pavement slabs
- Roof tiles
- Concrete
- Construction materials
- Brickwork
- Clinker

**Design**

Sintered

**Edge**

Turbo



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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	313654		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR* / CR* / 2,2 / 10	1	313655		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR* / CR* / 2,6 / 10	1	313656		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR* / CR* / 2,6 / 10	1	313657		

C R\* = Continuous Rim

**Please observe: Please see Applications Guide on page 244 - 245.**

## Professional diamond cutting blade DS 80 B



### Properties

Professional tool ■ Turbo segments

### Advantages

Short cutting times ■ Long service life ■ Clean edges ■ Outstanding price-performance ratio

### Applications:

- Pavement slabs
- Concrete
- Construction materials
- Reinforced concrete
- Chalky sandstone
- Brickwork

### Design

Laser welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 34 / 2,3 / 10	1	313658		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 32 / 2,3 / 10	1	313659		
150 x 22,23	80 m/s	10,200 rpm	Angle grinder	10 / 36 / 2,6 / 10	1	315223		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	14 / 32 / 2,6 / 10	1	313660		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	16 / 38 / 2,6 / 10	1	313661		

## Professional diamond cutting blade DS 80 A



### Properties

Professional wheel for use on asphalt ■ Special segments ■ For electric abrasive cutters and joint cutters with a power output of up to 7.5 kW

### Advantages

Very smooth operation ■ Optimal protection of the steel core ■ Good price-performance ratio

### Applications:

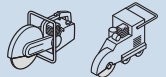
- Asphalt
- Screed
- Green concrete

### Design

Laser welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter, Joint cutter	18 / 38 / 3,2 / 10	1	313664		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Joint cutter	18 / 38 / 3,2 / 10	1	313665		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	21 / 38 / 3,2 / 10	1	313666		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Joint cutter	21 / 38 / 3,2 / 10	1	313667		

From diameter 300 mm with driving hole

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.



**Professional diamond cutting blade**  
**DS 80 MF**

**Properties**

Special broaching wheel ■ Robust design ■ Special hammer segments ■ Offset welded segments ■ Width of cut = 6.4 mm

**Advantages**

Long service life ■ For removal of old mortar from bricks, natural stones and clinker facades ■ Optimal protection of the steel core

**Applications:**

- Abrasive cement lines
- Plaster
- Masonry

**Design**

Laser welded

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 35 / 4,8 / 9	1	314116		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 35 / 4,8 / 9	1	314117		

**Professional diamond cutting blade**  
**DG 80 F**

**Properties**

Professional wheel for tiles and feldspar ■ Closed rim

**Advantages**

For high-precision working ■ Short cutting off times ■ Clean edges

**Applications:**

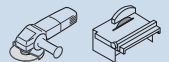
- Stoneware
- Floor tiles
- Stove tiles

**Design**

Sintered

**Edge**

Closed



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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* / 1,5 / 7	1	313668		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR* / CR* / 1,5 / 7	1	313669		
150 x 22,23	80 m/s	10,200 rpm	Angle grinder	CR* / CR* / 1,5 / 7	1	313670		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	CR* / CR* / 1,6 / 7	1	313671		
180 x 30/25,4	80 m/s	8,500 rpm	Angle grinder, Wall chaser	CR* / CR* / 1,6 / 7	1	313672		
200 x 30/25,4	80 m/s	7,600 rpm	Wall chaser	CR* / CR* / 1,6 / 7	1	313673		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	CR* / CR* / 1,65 / 7	1	313674		
250 x 30/25,4	80 m/s	6,100 rpm	Table saw up to 2,2 kW	CR* / CR* / 1,65 / 7	1	313675		
300 x 30/25,4	100 m/s	6,400 rpm	Table saw up to 2,2 kW	CR* / CR* / 2 / 7	1	313676		
350 x 30/25,4	100 m/s	5,500 rpm	Table saw up to 2,2 kW	CR* / CR* / 2,2 / 7	1	313677		

C R\* = Continuous Rim

**Please observe: Please see Applications Guide on page 244 - 245.**

## High-performance cutting blade DS 100 UX



### Properties

The high-end wheel for natural stone and concrete ■ Titanium-coated diamonds are anchored very solidly in the segments ■ Segment height: 17 mm

### Advantages

Outstanding cutting performance ■ Maximum service life ■ High-performance tool, also under the harshest conditions

### Applications:

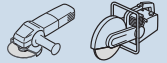
- Concrete
- Reinforced concrete
- Brickwork
- Construction materials
- Chalky sandstone
- Firebrick
- Granite
- Clinker

### Design

Laser welded

### Edge

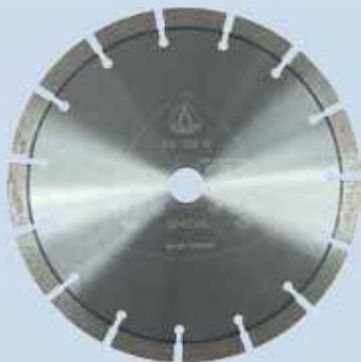
Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 44,4 / 2,8 / 17	1	313708		
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	19 / 42,6 / 2,8 / 17	1	313709		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Table saw > 2,2 kW	19 / 42,6 / 2,8 / 17	1	313710		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	22 / 42,1 / 3,0 / 17	1	313711		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Table saw > 2,2 kW	22 / 42,1 / 3,0 / 17	1	313712		
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	25 / 42,1 / 3,0 / 17	1	313713		
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter, Table saw > 2,2 kW	25 / 42,1 / 3,0 / 17	1	313714		

From diameter 300 mm with driving hole

## High-performance cutting blade DS 100 U



### Properties

Suitable for working on alternating materials ■ 13 mm high segments

### Advantages

Top quality and top performance ■ Longest service life, even under intensive conditions ■ No breaks for cooling needed ■ High feed speed

### Applications:

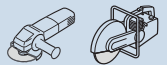
- Concrete
- Reinforced concrete
- Granite
- Construction materials
- Brickwork
- Chalky sandstone
- Firebrick

### Design

Laser welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 42,5 / 2,4 / 13	1	313686		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	9 / 40,3 / 2,4 / 13	1	313687		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	13 / 41,2 / 2,4 / 13	1	313688		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 43,4 / 2,6 / 13	1	313689		
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	18 / 41,5 / 2,8 / 13	1	313690		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Table saw > 2,2 kW	18 / 41,5 / 2,8 / 13	1	313691		

From diameter 300 mm with driving hole

Continuation →

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.



**Continuation of DS 100 U, High-performance cutting blade**

Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	21 / 40,3 / 3,0 / 13	1	313692		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Table saw > 2,2 kW	21 / 40,3 / 3,0 / 13	1	313693		
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	24 / 39,6 / 3,2 / 13	1	313694		
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter, Table saw > 2,2 kW	24 / 39,6 / 3,2 / 13	1	313695		
400 x 30	100 m/s	4,800 rpm	Table saw > 2,2 kW	24 / 39,6 / 3,2 / 13	1	313706		

From diameter 300 mm with driving hole

**High-performance cutting blade  
DS 100 K**

**Properties**

Special wheel for dry cutting of hard fired clinker ■ For use on table saws up to 2 kW

**Advantages**

Highly suitable for cutting off limestone and slate ■ No breaks for cooling needed ■ High feed speed

**Applications:**

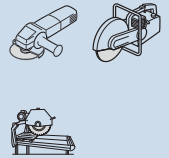
- Clinker
- Slate
- Construction materials
- Reinforced concrete
- Brickwork

**Design**

Laser welded

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 43,4 / 2,6 / 13	1	313722		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Table saw	18 / 41,5 / 2,8 / 13	1	313723		
300 x 30	100 m/s	6,400 rpm	Table saw	18 / 41,5 / 2,8 / 13	1	313724		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Table saw	21 / 40,3 / 3,0 / 13	1	313725		
350 x 30	100 m/s	5,500 rpm	Table saw	21 / 40,3 / 3,0 / 13	1	313726		
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter, Table saw	24 / 39,6 / 3,2 / 13	1	313727		
400 x 30	100 m/s	4,800 rpm	Table saw	24 / 39,6 / 3,2 / 13	1	313728		

From diameter 300 mm with driving hole

## High-performance cutting blade DS 100 B



### Properties

High-performance wheel for concrete and reinforced concrete ■ Can also be used on abrasive materials ■ For use on wall chase cutters

### Advantages

High-performance wheel for especially intensive use ■ No breaks for cooling needed ■ High feed speed ■ Long service life ■ Especially suitable for use on reinforced concrete

### Applications:

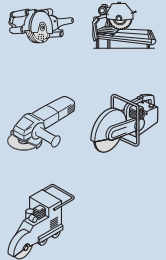
- Concrete
- Reinforced concrete
- Chalky sandstone
- Brickwork
- Construction materials
- Firebrick
- Screed
- Clinker

### Design

Laser welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 42,5 / 2,4 / 13	1	313696		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder, Joint router	9 / 40,5 / 2,6 / 13	1	313697		
150 x 22,23	80 m/s	10,200 rpm	Angle grinder, Joint router	11 / 40,5 / 2,6 / 13	1	313835		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder, Joint router	13 / 41,2 / 2,6 / 13	1	313698		
230 x 22,23	80 m/s	6,600 rpm	Angle grinder	15 / 43,4 / 2,6 / 13	1	313699		
300 x 20	100 m/s	6,400 rpm	Petr. pow. cutter	20 / 41,5 / 2,8 / 13	1	313700		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Table saw > 2,2 kW, Joint cutter up to 15 kW	20 / 41,5 / 2,8 / 13	1	313701		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	24 / 40,3 / 3,0 / 13	1	313702		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Table saw > 2,2 kW, Joint cutter up to 15 kW	24 / 40,3 / 3,0 / 13	1	313703		
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	28 / 39,6 / 3,2 / 13	1	313704		
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter, Table saw > 2,2 kW, Joint cutter up to 15 kW	28 / 39,6 / 3,2 / 13	1	313705		
450 x 25,4	80 m/s	3,400 rpm	Joint cutter	25 / 39,6 / 3,6 / 13	1	313707		

From diameter 300 mm with driving hole

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.

**High-performance cutting blade**  
**DS 100 A**

**Properties**

High-performance product for use on asphalt ■ Special segments ■ For gas-operated cutting-off machines and joint cutters with a power output of up to 15 kW

**Advantages**

Very smooth operation and optimal protection of the steel core; cuts fast, with a low vibration level ■ No breaks for cooling needed ■ High feed speed

**Applications:**

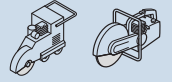
- Asphalt
- Screed
- Green concrete

**Design**

Laser welded

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 41,5 / 2,8 / 13	1	313715		
300 x 25,4	100 m/s	6,400 rpm	Petr. pow. cutter, Joint cutter up to 15 kW	18 / 41,5 / 2,8 / 13	1	313716		
350 x 20	100 m/s	5,500 rpm	Petr. pow. cutter	21 / 40,3 / 3,0 / 13	1	313717		
350 x 25,4	100 m/s	5,500 rpm	Petr. pow. cutter, Joint cutter up to 15 kW	21 / 40,3 / 3,0 / 13	1	313718		
400 x 20	100 m/s	4,800 rpm	Petr. pow. cutter	24 / 39,6 / 3,2 / 13	1	313719		
400 x 25,4	100 m/s	4,800 rpm	Petr. pow. cutter, Joint cutter up to 15 kW	24 / 39,6 / 3,2 / 13	1	313720		
450 x 25,4	80 m/s	3,400 rpm	Petr. pow. cutter, Joint cutter up to 15 kW	25 / 39,6 / 3,6 / 13	1	313721		

From diameter 300 mm with driving hole

**High-performance cutting blade**  
**DT 100 F**

**Properties**

High-performance tile cutting wheel with a thickness of only 1.2 mm ■ Extremely thin turbo rim and reinforced flange area ■ Suitable for use on tiles, feldspar and granite tiles

**Advantages**

Precise and fast cutting even on the hardest of materials ■ No breaks for cooling needed ■ Good cutting performance ■ Maximum product safety

**Applications:**

- Stoneware
- Floor tiles
- Natural stone
- Granite
- Stove tiles

**Design**

Sintered

**Edge**

Turbo



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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* / 1,2 / 7	1	313684		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	CR* / CR* / 1,2 / 7	1	313685		

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.

## Diamond cup grinding wheel DS 80 BT



### Properties

Two-row professional cup grinding wheel ■ For use on concrete

### Advantages

Excellent removal rate ■ High aggressiveness with little expenditure of energy ■ Outstanding price-performance ratio

### Applications:

- Concrete
- Construction materials
- Aerated concrete
- Brickwork
- Chalky sandstone
- Firebrick

### Design

brazed

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	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 / 6	1	313729		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	18 / 8 / 6	1	313733		

## High-performance diamond cup grinding wheel DS 100 BT



### Properties

High-performance cup grinding wheel with induction welded Z segments ■ For use on concrete and abrasive materials

### Advantages

Good dust extraction ■ Aggressive abrasive performance ■ Long service life

### Applications:

- Concrete
- Construction materials
- Pavement slabs
- Clinker
- Reinforced concrete
- Granite
- Chalky sandstone

### Design

welded

### Edge

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	8 / z-shaped / 10 / 5	1	313730		
180 x 22,23	80 m/s	8,500 rpm	Angle grinder	12 / z-shaped / 10 / 5	1	313731		

C R\* = Continuous Rim

Please observe: Please see Applications Guide on page 244 - 245.

**High-performance diamond cup grinding wheel**
**DS 100 ET**

**Properties**

High-performance cup grinding wheel with induction welded C segments ■ Removes stubborn adhesive residue, coatings and floor paint

**Advantages**

Enormous removal rates with simultaneous maximum product safety ■ Low vibration level

**Applications:**

- Epoxy coatings
- Adhesive residue
- Graffiti

**Design**

welded

**Edge**

Segmented



Diameter x Bore in mm	Max. operating speed	Max. RPM	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
125 x 22,23	80 m/s	12,200 rpm	Angle grinder	8 / c-shaped / 5 / 5	1	313732		

**Professional diamond dry drill**
**DV 80 FB**

**Properties**

Professional dry drill for use on hard materials such as stoneware, granite tiles and stove tiles

**Advantages**

Precise and accurate drilling ■ Clean edges, precise holes ■ No splitting, cracking or chipping ■ No water needed ■ Outstanding price-performance ratio

**Applications:**

- Stoneware
- Floor tiles
- Stove tiles

**Design**

vacuum-brazed

**Edge**

Closed



Diameter in mm	Mounting	Machines	Effective length in mm	Packing unit/pcs.	Cat. number		
6	1/4" Bit, hexagon	Drilling machine	32	1	313734		
8	1/4" Bit, hexagon	Drilling machine	32	1	313735		
10	1/4" Bit, hexagon	Drilling machine	32	1	313736		
12	1/4" Bit, hexagon	Drilling machine	32	1	313737		
14	1/4" Bit, hexagon	Drilling machine	32	1	313738		

Hole starting aid ABH 80 see page 258

## Professional diamond dry drill bit DV 80 FK



### Properties

Professional dry drill bit for all standard angle grinders ■ Suitable for the hardest of tiles, masonry and stoneware ■ Free-hand centering

### Advantages

Precise and accurate drilling ■ Clean edges, precise holes ■ No splitting, cracking or chipping ■ No water needed

- Stoneware
- Floor tiles
- Stove tiles

### Design

vacuum-brazed

### Edge

Closed



Diameter in mm	Mounting	Machines	Effective length in mm	Packing unit/pcs.	Cat. number		
26	M 14	Angle grinder	45	1	313739		
38	M 14	Angle grinder	45	1	313740		
58	M 14	Angle grinder	35	1	313741		
65	M 14	Angle grinder	35	1	313742		
70	M 14	Angle grinder	35	1	313743		
80	M 14	Angle grinder	35	1	313744		
112	M 14	Angle grinder	35	1	313745		

## Core cutter for switch boxes DS 80 UD



### Properties

For use on soft to medium-hard materials such as bricks, clinker and firebricks

### Advantages

Clean edges ■ Long service life

### Applications:

- Masonry
- Brickwork
- Chalky sandstone

### Design

Laser welded

### Edge

Segmented



Diameter in mm	Thread	Machines	Segment in mm Number / Length / Width / Height	Packing unit/pcs.	Cat. number		
68	M 16	Drilling machine	4 / 20 / 3,5 / 8	1	313746		
82	M 16	Drilling machine	6 / 20 / 3,5 / 8	1	313747		

Adaptor set ADS 200 see page 258



**Accessories**
**ADS 200**
**Properties**

SDS / hexagon adapter with 8 mm center bit; for article DS 80 UD



Dimension in mm	suitable for	Mounting	Packing unit/pcs.	Cat. number		
115	DS 80 UD	hexagon	1 set	236442		
115	DS 80 UD	SDS	1 set	236588		

**Hole starting aid**
**ABH 80**
**Properties**

Hole starting aid for professional diamond dry drill DV 80 FB



Dimension in mm	Suitable for	Packing unit/pcs.	Cat. number		
55	DV 80 FB	1	313807		

