

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:

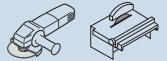
- Floor tiles
- Stove tiles

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:

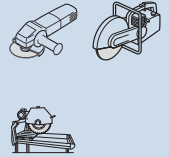
- Construction materials
- Concrete
- Reinforced concrete
- Clinker
- Brickwork

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:

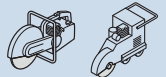
- Asphalt
- Screed
- Green concrete

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:

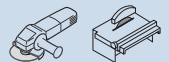
- Stoneware
- Floor tiles
- Stove tiles

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:

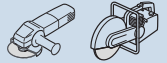
- Concrete
- Reinforced concrete
- Brickwork
- Construction materials
- Chalky sandstone
- Firebrick
- Granite
- Clinker

Design

Laser welded

Edge

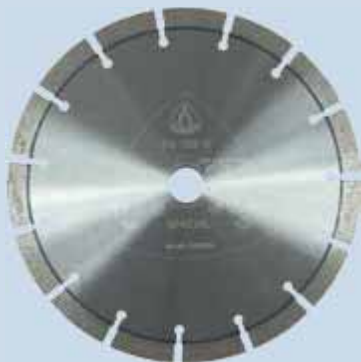
Segmented



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:

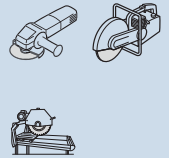
- Clinker
- Slate
- Construction materials
- Reinforced concrete
- Brickwork

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:

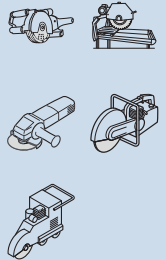
- Concrete
- Reinforced concrete
- Chalky sandstone
- Brickwork
- Construction materials
- Firebrick
- Screed
- Clinker

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:

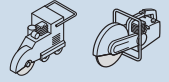
- Asphalt
- Screed
- Green concrete

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.