SPECIAL TOP Carbide

Application Area

- Wood
- Plastic
- Wood Nails
- Plaster

Hints

- Ø 76 mm for cordless BACAG 10,8V.
- Ø 115 mm for angle grinders 115 mm.
- Ø 125 mm for angle grinders 125 mm.



Title	External-Ø	Ø Hole	Segment Width	PU Piece	Article No.
SPECIALline TOP Carbide 76x10 mm	76 mm	10 mm	1.0 mm	2	335078
SPECIALline TOP Carbide 115x22,2 mm	115 mm	22.2 mm	1.0 mm	1	339280
SPECIALline TOP Carbide 125x22,2 mm	125 mm	22.2 mm	1.0 mm	1	339281

AGR: 10.522

CONSTRUCTION/ine TOP Diamant Disc

Application Area

- Floor tiles
- Ceramics
- Fine stoneware
- Marble
- Thin granit
- Brick

Processing Information

• Ø10mm for 10,8V angle grinder















Title	External-Ø	Ø Hole	Segment Width	Segment Height	PU Piece	Article No.
CONSTRUCTIONline TOP Diamant Disc 76x10 mm	76 mm	10 mm	1.4 mm	5 mm	1	335077

AGR: 10.600

Diamond Cutting Disc Basic CONSTRUCTION/ine

- Universal disc for surface preparation
- Good cutting performance and long service life due to high quality industrial diamonds

Application Area

- Concrete
- Old concrete
- Concrete pantiles
- Reinforced concrete

Processing Information

- Hole Ø of 20.0 mm for Stihl and other motorized cutting discs
- Hole Ø of 22.2 mm for all standard commercially available angle grinders
- Hole Ø of 25.4 mm for petrol-engine joint cutters
- Using the stationary and mobile equipment is recommended to charge the pause between the use of additional cooling times





























Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA CONSTR 115X22,2 DRY B-1	115 mm	22.2 mm	9 PC	32 mm	2 mm	10 mm	1	147451
DIA CONSTR 125X22,2 DRY B-1	125 mm	22.2 mm	10 PC	32 mm	2 mm	10 mm	1/5	147459
DIA CONSTR 150X22,2 DRY B-1	150 mm	22.2 mm	12 PC	32 mm	2 mm	10 mm	1	147458
DIA CONSTR 180X22,2 DRY B-1	180 mm	22.2 mm	14 PC	32 mm	2 mm	10 mm	1	147443
DIA CONSTR 230X22,2 DRY B-1	230 mm	22.2 mm	16 PC	38 mm	2.4 mm	10 mm	1/5	147438
DIA CONSTR 300X20,0 DRY B-1	300 mm	20 mm	20 PC	40 mm	2.8 mm	10 mm	1	147419
DIA CONSTR 300X25,4 DRY B-1	300 mm	25.4 mm	20 PC	40 mm	2.8 mm	10 mm	1	153170
DIA CONSTR 350X20,0 DRY B-1	350 mm	20 mm	23 PC	40 mm	2.8 mm	10 mm	1	147435
DIA CONSTR 350X25,4 DRY B-1	350 mm	25.4 mm	23 PC	40 mm	2.8 mm	10 mm	1	147427

AGR: 10.600

Diamond Cutting Disc CONSTRUCTION/ine Dry Turbo

- Turbo disc for a fast and clean cut
- Wide range of application

Application Area

- Concrete with and without reinforcement
- Brick
- Screed
- Granite
- High performance sand lime brick
- Calcareous sandstone
- Concrete
- Ductile
- Natural stone
- Artificial stone

Characteristics

 In addition to the attachment of the hole stable and safe cutting, segments attached with hot melt method provides long service life, perforated plate for better cooling and longer service life

Processing Information

- Hole Ø of 20.0 mm for Stihl and other motorized cutting discs
- When using the Stihl motorized cutting device, ensure you comply with the cooling period of the disc















- Hole Ø of 22.2 mm for all common angle grinders
- Hole Ø of 25.4 mm for joint cutter with benzine motor

Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
CONSTRUCTIONline Dry Turbo	150 mm	22.2 mm	12 PC	32 mm	2.3 mm	10 mm	1	129729
CONSTRUCTIONline Dry Turbo	230 mm	22.2 mm	18 PC	36 mm	2.7 mm	10 mm	1/5	042978

AGR: 10.600

Diamond Cutting Disc with Flange

- Fast, easy ripping out and cutting of joints on the wall with the angle grinder
- Separation which is flush and close to the edge
- Remove residues on exterior walls for thermal insulation

Application Area

- Concrete with or without reinforcement
- Aggregate concrete
- Medium-hard clinker
- Brick
- Roof tiles
- Construction material

Processing Information

 Diamond cutting disc with aluminum flange and M 14 thread for direct absorption on the angle grinder











Title	External-Ø	Thread	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
Diamond Cutting Disc with Flange	125 mm	M 14	10 PC	31 mm	2.4 mm	10 mm	1	175084
Diamond Cutting Disc w. Flange	230 mm	M 14	16 PC	38 mm	2.4 mm	10 mm	1	175083

Diamond Cutting Disk SPECIAL/ine Top Abrasive

Application Area

- Concrete (Abrasive)
- Screed
- Aerated concrete
- Asphalt
- Sand lime bricks
- Mortar joints

Processing Information

 Hole Ø of 22.2 mm for all standard commercially available angle grinders

Hints

• Do not forget: Safety glasses, gloves, angle grinder.





















Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA SPEC ABRASIV115X22,2 DRY T	115 mm	22.2 mm	9 PC	32 mm	2 mm	9 mm	1	158410
SPECIALline Top Abrasive	125 mm	22.2 mm	10 PC	32 mm	2 mm	9 mm	1	158411
DIA SPEC ABRASIV150X22,2 DRY T	150 mm	22.2 mm	12 PC	32 mm	2 mm	9 mm	1	158412
DIA SPEC ABRASIV230X22,2 DRY T	230 mm	22.2 mm	15 PC	38 mm	2.4 mm	9 mm	1	158414

AGR: 10.601

7

BERNER

CONSTRUCTION/ine Diamond Cutting Disc TOP-1

- Fast cutting and excellent lifetime by top quality diamonds with high concentration
- Optimum cooling and high visibility onto the tool through a perforated blade

Application Area

- Old concrete / Reinforced concrete
- Concrete pipe
- Screed / Paver
- Exposed aggregate concrete / tiles

Characteristics

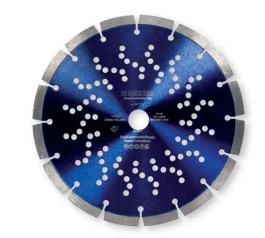
Noise reduction due to perforated steel blade

Processing Information

- Drill Ø 20,0 mm for Stihl and other motorized disc cutters
- When using the motorized cutting device, ensure you comply with the cooling period of the disc
- Drill Ø 22,2 mm for all common angle grinders
- Drill Ø 25,4 mm for joint cutter with benzine motor

Hints

• Not forgetting: Maintenance of industrial health and safety standards, angle grinder, fast instep mother SDS-click, quick release nut































Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
CONSTRUCTIONline Top-1	115 mm	22.2 mm	9 PC	32 mm	2 mm	10 mm	1	144242
CONSTRUCTIONline Top-1	125 mm	22.2 mm	10 PC	32 mm	2 mm	10 mm	1	144284
CONSTRUCTIONline Top-1	150 mm	22.2 mm	12 PC	32 mm	2 mm	10 mm	1/3/5	144286
CONSTRUCTIONline Top-1	180 mm	22.2 mm	14 PC	32 mm	2 mm	10 mm	1	153171
CONSTRUCTIONline Top-1	230 mm	22.2 mm	16 PC	40 mm	2.6 mm	10 mm	1	144290
CONSTRUCTIONline Top-1	300 mm	20 mm	20 PC	40 mm	2.8 mm	10 mm	1	153172
CONSTRUCTIONline Top-1	300 mm	25.4 mm	20 PC	40 mm	2.8 mm	10 mm	1	153173
CONSTRUCTIONline Top-1	350 mm	20 mm	23 PC	40 mm	3.2 mm	10 mm	1	144304
CONSTRUCTIONline Top-1	350 mm	25.4 mm	23 PC	40 mm	3.2 mm	10 mm	1	144312
CONSTRUCTIONline Top-1	400 mm	20 mm	27 PC	40 mm	3.4 mm	10 mm	1	144319



CONSTRUCTIONline Top-1 400 mm 25.4 mm 27 PC 40 mm 3.4 mm 10 mm 1 144320

AGR: 10.600

Diamond Cutting Disc Turbo Premium

- One segment of the disk around the edges length a cleaner cut
- The increased bore motherboard satbilam work and a very low noise level
- Perforated motherboard for better cooling

Application Area

- Monolithic concrete cast
- Old concrete structures
- Reinforced concrete
- The cement / concrete / clay tiles
- Bricks (and filled with holes)
- Natural and artificial stone

Characteristics

 Diamond cutting a very fine industrial diamond coating for increased speed, very fast and clean cut, segments attached with hot melt method provides long service life, perforated plate for better cooling and longer service life

Processing Information

• Bore Ø 22,2 mm angle grinder provides the most common models and milling machines

Title	External-Ø	Ø Hole	Segment Width	Segment Height	PU Piece	Article No.
DIA ConstructionLine Premium Turbo	125 mm	22.2 mm	2.9 mm	12 mm	1	118613
DIA ConstructionLine Premium Turbo	230 mm	22.2 mm	3.2 mm	12 mm	1	118612









7



Diamond Cutting DiscCONSTRUCTION/ine PREMIUM MATRIX

- MATRIX grid technology for uniform distribution of diamonds, always exactly the same number of diamond grains in use
- As a result, the disk is very fast and ensures a clean cut while maintaining the required average speed from start to finish
- Segment height of 14 mm (from Ø 230 mm) and high-quality diamond quality result in a very long service life

Application Area

- Concrete / Reinforced Concrete / old concrete
- Concrete roof tiles / exposed aggregate concrete
- Bricks
- Construction material
- Granite

Characteristics

- Self-cooling thanks to a perforated steel blade
- High maximum load due to expansion slot hosts the stresses that arise in the process

Processing Information

- Drill Ø 20,0 mm for Stihl and other motorized disc cutters
- When using the motorized cutting device, ensure you comply with the cooling period of the disc
- Drill Ø 22,2 mm for all common angle grinders
- Drill Ø 25,4 mm for joint cutter with benzine motor

































Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA CONSTR MTX 125X22,2 DRY P	125 mm	22.2 mm	10 PC	30 mm	2.2 mm	12 mm	1	153175
DIA CONSTR MTX 230X22,2 DRY P	230 mm	22.2 mm	16 PC	38 mm	2.6 mm	14 mm	1	080985
DIA CONSTR MTX 300X20,0 DRY P	300 mm	20 mm	20 PC	40 mm	3.2 mm	14 mm	1	080986
DIA CONSTR MTX 300X25,4 DRY P	300 mm	25.4 mm	20 PC	40 mm	3.2 mm	14 mm	1	080987
DIA CONSTR MTX 350X20,0 DRY P	350 mm	20 mm	23 PC	40 mm	3.2 mm	14 mm	1	080989
DIA CONSTR MTX 350X25,4 DRY P	350 mm	25.4 mm	23 PC	40 mm	3.2 mm	14 mm	1	080990
DIA CONSTR MTX 400X20,0 DRY P	400 mm	20 mm	27 PC	40 mm	3.2 mm	14 mm	1	080991
DIA CONSTR MTX 400X25,4 DRY P	400 mm	25.4 mm	27 PC	40 mm	3.2 mm	14 mm	1	080992

AGR: 10.600

CONSTRUCTIONline Excelium S17

- Extremely durable with up to 17 mm segments.
- Forged segments: This new technology allows the use of diamonds and binders of high hardness: fast cutting and ultra high performance in the toughest materials: concrete, granite ...
- Grooved segments and ventilated sheet provide better cooling of the disc.

Application Area

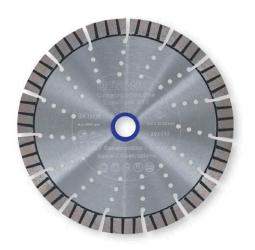
- Building materials, concrete, reinforced concrete, granite, natural stone
- Masonry
- Brick
- Limestone
- Washed concrete

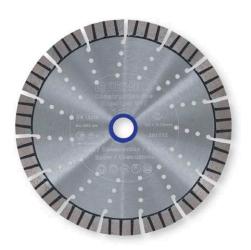
Processing Information

• Bore Ø 22.2 mm for common angle grinders

Hints

Made in GERMANY









































Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA.CONS.S17 230X22.2 EXCELIUM	230 mm	22.2 mm	15 PC	45 mm	2.6 mm	17 mm	1	201032

AGR: 10.600

Diamond Cutting Disc Silence Premium

- Maximum noise reduction by SILENCIO steel blade
- 13 mm segment height
- Long service life and cutting capacityTrapezoidal segments, clean cut
- Wide range of applications

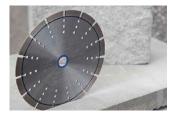
Application Area

- Concrete / Reinforced concrete / Exposed aggregate concrete
- Concrete products
- Brick
- Masonry
- Hard stone
- Granite

Characteristics

• High load: expansion slots absorb occuring tensions







Processing Information

• Bore Ø 22.2 mm for commercial angle grinders

Hints

• Made in GERMANY





















Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA S13 SILENCE 230X22,2 PREM	230 mm	22.2 mm	15 PC	43.4 mm	2.6 mm	13 mm	1	144238

AGR: 10.600

Diamond cutting disc **SPECIAL**/ine Top Tiles

Application Area

- Tiles
- Ceramics
- Thin granite
- Fine brick/stone materials
- Marble

Processing Information

 Hole Ø of 22.2 mm for all standard commercially available angle grinders



















Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
SPECIALline Top	115 mm	22.2 mm	9 PC	40 mm	1.4 mm	5 mm	1	173929
SPECIALline Top	125 mm	22.2 mm	9 PC	43 mm	1.4 mm	5 mm	1/5	173685

AGR: 10.605

Diamond cutting Disc specialline Tiles dry P

- Reinforced steel blade in the flange area for stable cuts and high smoothness
- Closed cutting edge for clean cuts
- Thin turbo special segment

Application Area

- Marble
- Tiles
- Ceramics
- Thin granite
- Porcelain
- Fine stoneware

Processing Information

• Bore Ø 22.2 mm for commercial angle grinders



















NTERNAL/Approved (2019-03-22 20:32:40)

Title	External-Ø	Ø Hole	Number of Segments	Segment Width	Segment Height	PU Piece	Article No.
DIA SPEC TILES 115x22,2 DRY P	115 mm	22.2 mm	1 PC	1.4 mm	10 mm	1	153396
DIA SPEC TILES 125x22,2 DRY P	125 mm	22.2 mm	1 PC	1.4 mm	10 mm	1	153397



Diamond Cut + Grind Disc SPECIALline Top

- Due to the M14 connector, cutting in inaccessible places is possible
- Ideal for tile and stone restoration work

Application Area

- For cutting and grinding tiles
- For grinding of concrete

Characteristics

• Universally useable

Hints

• M 14 Connector for angle grinder Ø 125 mm

Title	External-Ø	Segment Width	Segment Height	PU Piece	Article No.
DIA SPECIAL CUT+GRIND 125 M14	125 mm	2.5 mm	8 mm	1	242685

AGR: 10.600

Diamond Cuttind Disc SPECIAL/ine Duo Top

- Cutting and chamfering in one step
- Shorter working hours
- Saves time and money
- Extremely durable

Application Area

Cutting and chamfering

Characteristics

- Galvanized cutting edge
- Diamond coated chamfering tool
- Cut deep measurement
- Constant guidance

Processing Information

• Pin hole diameter Ø 22,2 for angle grinder











Title	Evtarnal (X	Ø Holo	Number of	Segment	Segment	Segment	PU	Article No.	
Title	External-Ø	Ø Hole	Segments	Length	Width	Height	Piece	Article No.	





DIA SPECIAL DUO 125X22,2 DRY T 125 mm 22.23 mm 9 PC 40 mm 2.6 mm 4 mm 1 242564

AGR: 10.605

Diamond Cutting Disc SPECIAL/ine Allround

- Universal application on many construction sites for many different materials
- Can be used practically without cooling breaks, so work is hardly interrupted

Application Area

 For cutting: Cast iron, construction steel, concrete roof bricks, concrete paving stone, partically all types of stone, armored glass, wood boards/lathes, concrete with or without reinforcement, stainless steel, reinforcement iron, steel, aluminum and copper pipes, plastic pipes (HT/KG/Drainage)

Processing Information

- Hole Ø of 20.0 mm for Stihl and other motorized cutting discs
- Hole Ø of 22.2 mm for all standard commercially available angle grinders
- Hole Ø of 25.4 mm for joint cutters with petrol-engine















Title	External-Ø	Ø Hole	Number of Segments	Segment Width	PU Piece	Article No.
Specialline Allround	115 mm	22.2 mm	8 PC	2.6 mm	1	061475
Specialline Allround	125 mm	22.2 mm	10 PC	3 mm	1	059754
Specialline Allround	230 mm	22.2 mm	16 PC	3 mm	1	059753
Specialline Allround	350 mm	20 mm	24 PC	3.2 mm	1	061478
Specialline Allround	350 mm	25.4 mm	24 PC	3.2 mm	1	061479

Diamond Cutting DiscCONSTRUCTION/ine Premium and Top

Application Area

- Reinforced old concrete
- Exposed aggregate concrete, Aerated concrete
- Concrete pipes
- Porous concrete
- Lightweight concrete

Processing Information

- Drill Ø of 20.0 mm for Stihl and other motorized disc cutters
- Drill Ø of 25.4 mm for gasoline flat saws
- Drill Ø of 30.0 mm for table saw

Hints

• Do not forget: occupational safety, quick release nut SDS-click























Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DRY T	300 mm	25.4 mm	16 PC	50 mm	3 mm	9 mm	1	018179
CONSTRUCTIONline Top	350 mm	20 mm	19 PC	50 mm	3 mm	9 mm	1	005583
CONSTRUCTIONline Top	350 mm	25.4 mm	19 PC	50 mm	3 mm	9 mm	1	005586
CONSTRUCTIONline Top	400 mm	25.4 mm	23 PC	50 mm	3.5 mm	9 mm	1	005587
CONSTRUCTIONline Top	450 mm	25.4 mm	26 PC	50 mm	3.5 mm	9 mm	1	005588

AGR: 10.610

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Diamond Cutting Disc Specialline Premium

- New, patented diamond cutting disc segment coating technology with high density and abrasive segments form provides the perfect cut, fast material processing and long-term service life
- Abrasive segment is extremely dense, non-porous, their segments are welded using an innovative laser welding technology that provides protection against nolūšanu segment and allows the use of the maximum load
- Special cutting segment shape reduces vibration to a minimum

Application Area

Asphalt

Characteristics

 High-frequency laser welded segments for optimal connection to the main blade, hardened steel blade for torsion-free and stable cuts, the oblique segments prevent relief of the segments by grinding sludge

Processing Information

- Drill hole Ø 20.0 mm Stihl designed stationary and mobile sources
- Using the stationary and mobile equipment is recommended to charge the pause between the use of additional cooling times
- Drill hole Ø 25.4 mm joint excision devices intended for petrol engine











Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
SPECIAL ABRASIV P-1 WET&DRY	300 mm	20 mm	18 PC	41.5 mm	2.8 mm	13 mm	1	144269
SPECIAL ABRASIV P-1 WET&DRY	300 mm	25.4 mm	18 PC	41.5 mm	2.8 mm	13 mm	1	180150
SPECIAL ABRASIV P-1 WET&DRY	350 mm	20 mm	21 PC	40.3 mm	3 mm	13 mm	1	144272
SPECIAL ABRASIV P-1 WET&DRY	350 mm	25.4 mm	21 PC	40.3 mm	3 mm	13 mm	1	144273
SPECIAL ABRASIV P-1 WET&DRY	400 mm	20 mm	24 PC	39.6 mm	3.2 mm	13 mm	1	144274
SPECIAL ABRASIV P-1 WET&DRY	400 mm	25.4 mm	24 PC	39.6 mm	3.2 mm	13 mm	1	144282
SPECIAL ABRASIV P-1 WET&DRY	450 mm	25.4 mm	25 PC	39.6 mm	3.6 mm	13 mm	1	144266
SPECIAL ABRASIV P-1 WET&DRY	500 mm	25.4 mm	30 PC	39.6 mm	3.6 mm	13 mm	1	144258
SPECIAL ABRASIV P-1 WET&DRY	600 mm	25.4 mm	35 PC	39.6 mm	4 mm	13 mm	1	144243
ACD: 10 611								

AGR: 10.611

NTERNAL/Approved (2019-03-22 20:33:26)

Diamond cutting disc Constructionline **Premium-1**

- New, patented welding equipment segment, which extends the life of multiplier ensures perfect results and allow for high processing speeds
- High resistance to breaking out segment, especially in porous materials
- Low level of vibration due to a special segment of the form

Application Area

 Old concrete Reinforced concrete with or without reinforcement, exposed aggregate concrete, aerated concrete, concrete pipes, poroton, lightweight concrete

Characteristics

 High-frequency laser welded segments for optimal connection to the main blade, hardened steel blade for torsion-free and stable cuts

Processing Information

- Drill hole Ø 20.0 mm Stihl designed stationary and mobile sources
- Using the stationary and mobile equipment is recommended to charge the pause between the use of additional cooling times
- Drill hole Ø 25.4 mm joint excision devices intended for petrol engine
- Bore Ø 30,0 mm intended for fixed installations













Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DRY P-1 WET&DRY	300 mm	20 mm	18 PC	41.5 mm	2.8 mm	13 mm	1	117323
DIA CONSTR 300X25,4 WET	300 mm	25.4 mm	18 PC	41.5 mm	2.8 mm	13 mm	1	243639
DRY P-1 WET&DRY	350 mm	20 mm	21 PC	40.3 mm	3 mm	13 mm	1	117331
DRY P-1 WET&DRY	350 mm	25.4 mm	21 PC	40.3 mm	3 mm	13 mm	1	117340
DRY P-1 WET&DRY	400 mm	20 mm	24 PC	39.6 mm	3.2 mm	13 mm	1	119206
DRY P-1 WET&DRY	400 mm	25.4 mm	24 PC	39.6 mm	3.2 mm	13 mm	1	117394
DRY P-1 WET&DRY	450 mm	25.4 mm	25 PC	39.6 mm	3.6 mm	13 mm	1	200857
DRY P-1 WET&DRY	500 mm	25.4 mm	30 PC	39.6 mm	3.6 mm	13 mm	1	200856
DRY P-1 WET&DRY	600 mm	25.4 mm	35 PC	39.6 mm	3.6 mm	13 mm	1	200855

AGR: 10.610

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7



Diamond cutting discs

Diamond Cutting DiscCONSTRUCTION/ine PREMIUM Turbo

- Significant reduction and the noise level up to 16 dB(A) achieved by the use of a special sandwich -69w noise core blade
- Very fast cutting blade also for the use on table saws
- laser velded turbo segments for fast cutting and an excellent blade life
- With reduction ring from 30,0 to 24,4 mm

Application Area

 Reinforced concrete, exposed aggregate concrete, granite, natural stone, roof tiles, paving slabs

Processing Information

For table saws, motor isolators and joint cutters











Segment height 12 mm

Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA CONSTR 300X30/25,4 TURBO P	300 mm	30 mm / 25.4	20 PC	40 mm	3.2 mm	12 mm	1	243882
DIA CONSTR 350X30/25,4 TURBO P	350 mm	30 mm / 25.4	24 PC	40 mm	3.2 mm	12 mm	1	243883

AGR: 10.610

Diamond Cutting DiscSPECIAL/ine PREMIUM

- Newly patented forging technology for the segment production with high-density segment structure - for positive cutting characteristics in terms of speed and durability
- The dense nonporous segments result in welding properties with an incomparable high resistance to fracture
- Almost vibration-free separating due to the special segment shape
- Hardened steel blade for torsion-free and stable cuttings

Application Area

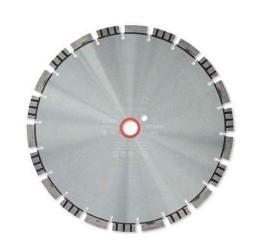
• asphalt, screed, limesandstone, reinforced concrete, abrasive concrete, concrete based construction material

Characteristics

Special alloy for mixed applications in asphalt and concrete

Processing Information

• Bore Ø 20.0 mm for Stihl and other engine-power cutters













- When using motor power cutters, appropriate cooling breaks of the discs are imperative
 Bore Ø 25.4 mm for joint cutters with petrol engine

Hints

• Best for petrol saws and small floorsaws up to 7,5 kW

Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
DIA SPEC 300X20 WET	300 mm	20 mm	20 PC	41.5 mm	2.8 mm	13 mm	1	244686
DIA SPEC 300X25,4 WET	300 mm	25.4 mm	20 PC	41.5 mm	2.8 mm	13 mm	1	244685
DIA SPEC 350X20 WET	350 mm	20 mm	22 PC	40.3 mm	3 mm	13 mm	1	244684
DIA SPEC 350X25,4 WET	350 mm	25.4 mm	22 PC	40.3 mm	3 mm	13 mm	1	244683
DIA SPEC 400X20 WET	400 mm	20 mm	26 PC	39.6 mm	3.2 mm	13 mm	1	244682
DIA SPEC 400X25,4 WET	400 mm	25.4 mm	26 PC	39.6 mm	3.2 mm	13 mm	1	244681
DIA SPEC 450X25,4 WET	450 mm	25.4 mm	30 PC	39.6 mm	3.6 mm	13 mm	1	244565
DIA SPEC 500X25,4 WET	500 mm	25.4 mm	30 PC	39.6 mm	3.6 mm	13 mm	1	249910
DIA SPEC 600X25,4 WET	600 mm	25.4 mm	34 PC	39.6 mm	3.6 mm	13 mm	1	249909

Diamond Cutting Disc

Application Area

• For general construction site material

Characteristics

• 4 mounting holes

Hints

• Do not forget: occupational safety, quick release nut SDS-click

















Title	External-Ø	Ø Hole	Number of Segments	Segment Width	PU Piece	Article No.
DIA CUTT.DSC DT/BM II K 625X60	625 mm	60 mm	36 PC	5 mm	1	151759
DIA CUTT.DSC DT/BM II K 650X60	650 mm	60 mm	38 PC	5 mm	1	153436

AGR: 10.620

Diamond Cutting Disc CONSTRUCTION/ine Top

• Building materials, washed concrete, interlocking pavers, concrete

Diamond Cutting Disc CONSTRUCTION

Application Area

• Building materials, washed concrete, interlocking Characteristics

• High-frequency laser welded segments for optime the main blade, hardened steel blade for torsion-cuts

Processing Information

• Hole Ø of 30.0 mm and 25.4 mm for table saws • High-frequency laser welded segments for optimal connection to the main blade, hardened steel blade for torsion-free and stable



BERNER

Hints

- Construction Line Top Ø 625 mm and 900 mm suitable for sand-lime
- DANGER:
- The two diameters are 625 mm and 900 mm without receiving bore.
- Here, therefore, must necessarily require the receiving bore diameter and / or the type of machine in which the disk is to be used, will be specified in the order. The hole is then created according to these data.

Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
CONSTRUCTIONline Top	300 mm	30 mm / 25.4	20 PC	40 mm	3 mm	10 mm	1	515531
CONSTRUCTIONline Top	350 mm	30 mm / 25.4	24 PC	40 mm	3 mm	10 mm	1	515540

AGR: 10.620

Diamond Cutting Disc Top ROCK/ine

Application Area

• Granite, porphyry, quartzite, clinker (hard)

Characteristics

• High-frequency laser welded segments for optimal connection to the main blade, hardened steel blade for torsion-free and stable cuts

Processing Information

• Hole Ø of 30.0 mm and 25.4 mm for table saws









Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
ROCKline Top	300 mm	30 mm / 25.4	18 PC	40 mm	2.8 mm	10 mm	1	165353
Diamond Cutting Disc ROCKline	350 mm	30 mm / 25.4	21 PC	40 mm	2.9 mm	10 mm	1	165355





Diamond Cutting Disc Specialline Tiling Top Wet

Application Area

• All types of tiles, quarry tiles, ceramic components, glazed tiles, etc. (see application matrix)

Processing Information

• Bore Ø 30.0 mm or 25,4 mm for table saw

Hints

• Do not forget: Safety glasses, gloves, angle grinder.

















Title	External-Ø	Ø Hole	Number of Segments	Segment Width	Segment Height	PU Piece	Article No.
DIA SPECIAL 180X30/25,4 WET T	180 mm	30 mm / 25.4	1 PC	2.3 mm	8 mm	1	145326
DIA SPECIAL 200X30/25,4 WET T	200 mm	30 mm / 25.4	1 PC	2.3 mm	8 mm	1	515620
DIA SPEZIAL 250X30/25,4 WET T	250 mm	30 mm / 25.4	1 PC	2.7 mm	8 mm	1	515639
DIA SPEZIAL 300X30/25,4 WET T	300 mm	30 mm / 25.4	1 PC	3.2 mm	8 mm	1	515647
DIA SPEZIAL 350X30/25,4 WET T	350 mm	30 mm / 25.4	1 PC	3.2 mm	8 mm	1	515655



Diamond Cutting Disc SPECIALline Premium

Application Area

- Tiles
- Ceramics
- Granite
- Stoneware

Processing Information

• Ø 30 mm and Ø 25,4 mm for table saw

Hints

• Don't forget safety at work products!

Title	External-Ø	Ø Hole	Number of Segments	Segment Width	Segment Height	PU Piece	Article No.
Diamond Cutting Disc	250 mm	30 mm / 25.4	1 PC	1.6 mm	8 mm	1	243724
Diamond Cutting Disc	300 mm	30 mm / 25.4	1 PC	1.9 mm	8 mm	1	243723
Diamond Cutting Disc	350 mm	30 mm / 25.4	1 PC	2.0 mm	8 mm	1	243722



Diamond cup wheel Special Line Basic

• Good quality for easy removal work, double row occupied

Application Area

• Concrete, screed, general construction material

Processing Information

• Hole Ø 22.2 mm for all standard angle grinders

Hints

• 4- Set in the outer carton





















Title	External-Ø	Ø Hole	Number of Segments	Segment Height	PU Piece	Article No.
SPECIALline Basic Concrete Grinding Cup	125 mm	22.2 mm	20 PC	5 mm	4	213960

(0)	Related Products	PU Amount	Article No.
7.04.	Concrete Grinder BCG, Carton	1	341742
7	Plastic muffle 35 mm for Power Tool Connection	1	218890
-00-	Wet and Dry Vacuum Cleaner BWDVC TOP PERM	1	120514

Diamond Grinding Cup SPECIAL/ine Granit Top

• Very good material removal and good lifetime.

Application Area

• Granit, natural & artificial stone, concrete.

Processing Information

• M14 attachment.

















Title	External-Ø	Thread	Number of Segments	Segment Length	Segment Width	Segment Height	Grain Level	PU Piece	Article No.
SPECIALline Top Grant Cup wheel	100 mm	M 14	24 PC	20 mm	8.5 mm	5 mm	Coarse	1	000743

Related Products	PU Amount	Article No.
Concrete Grinder BCG, Carton	1	341742
Plastic muffle 35 mm for Power Tool Connection	1	218890
Wet and Dry Vacuum Cleaner BWDVC TOP PERM	1	120514



Diamond Grinding Cup **SPECIAL**/ine Concrete Top

• Efficient in concrete with good lifetime.

Application Area

• Concrete, screed, Masonry, construction materials.

Hints

• Bore Ø 22.23 mm for all angle grinders.

















Title	External-Ø	Ø Hole	Number of Segments	Segment Length	Segment Width	Segment Height	PU Piece	Article No.
SPECIALline Top cup wheel for concrete	125 mm	22.2 mm	20 PC	35 mm	7.5 mm	5 mm	1	120494
SPECIALline Top cup wheel for concrete	180 mm	22.2 mm	24 PC	35 mm	7.5 mm	5 mm	1	120495

Related Products	PU Amount	Article No.
	Amount	
Concrete Grinder BCG, Carton	1	341742
Plastic muffle 35 mm for Power Tool Connection	1	218890
Wet and Dry Vacuum Cleaner BWDVC TOP PERM	1	120514

Diamond Grinding Cup SPECIAL/ine Concrete Drop Premium

• Usable in concrete and granite with good lifetime.

Application Area

• Concrete, construction materials, masonry, granit.

Processing Information

Wet and Dry Vacuum Cleaner BWDVC TOP PERM

• Bore Ø 22.2 mm for all commercial angle grinders.











120514





Title	External-Ø	Ø Hole	Number of Segments	Segment Width	Segment Height	PU Piece	Article No.
SPECIALline Premium Concrete Drop cup wheel	125 mm	22.23 mm	11 PC	6.5 mm	6.5 mm	1	365903
AGR: 10.630							

Related Products
PU Article No. Amount
Concrete Grinder BCG, Carton
1 341742
Plastic muffle 35 mm for Power Tool Connection
1 218890



Diamond Grinding cup **SPECIAL** Abrasive Premium

• Very high removal material in concrete and abrasive materials with good lifetime.

Application Area

• Abrasive materials, screed, fresh concrete, concrete.

Processing Information

• Bore Ø 22.2 mm for all commercial angle grinders.

















Title	External-Ø	Ø Hole	Number of Segments	Segment Width	Segment Height	PU Piece	Article No.
SPECIALline Premium abrasive cup wheel	125 mm	22.23 mm	10 PC	6 mm	5 mm	1	365901
SPECIALline Premium abrasive cup wheel	180 mm	22.23 mm	18 PC	6.5 mm	5 mm	1	365902

	Related Products	PU Amount	Article No.
V	Concrete Grinder BCG, Carton	1	341742
55.0	Plastic muffle 35 mm for Power Tool Connection	1	218890
N.C.	Wet and Dry Vacuum Cleaner BWDVC TOP PERM	1	120514



Diamond Grinding Pot Concrete Premium Abrasive

Application Area

• Abrasive materials, screed, fresh concrete

Processing Information

• Bore Ø 22.2 mm for all commercial angle grinders















7





Title	External-Ø	Ø Hole	Number of Segments	Segment Width	PU Piece	Article No.
DIA ABRAS POT BETON 125X22,2 P	125 mm	22.2 mm	8 PC	6.5 mm	1	088486



Diamond Grinding Pot Concrete Premium Blue Drop

- Diamond grinding disc with very fast and cool grinding
- The arrangement of the suction openings ensures maximum dedusting, also between the segments
- The particular shape of the segments, the construction and arrangement result in a high working speed and efficiency
- Very good performance in hard materials

Application Area

- Concrete, granite, natural stone, mable, screed, general building material
- Hard materials







Drill Drive B-DIAD-MAN-1-160

- Double spindle for drill bit connections 1 1/4" and 1/2" UNC
- 10 mA GFCI operator protection switch
- Multifunctional electronic protection against overload damage
- Mechanical slip clutch for gear protection
- Tapping tool and infinitely adjustable additional handle

Application Area

• Handheld or stand-run 3-speed drill drive for wet and dry drilling

Hints

- Tool for changing the core bit:
- B-100 double-open ended wrench 30x32 (Art. No 104380) application for spindle neck: SW 32
- B-100 double-open ended wrench 22x24 (Art. No. 104375) application for drill bit 1/2": SW 24
- B-101 L double-open ended wrench 41 (Art. No 168414) application for drill bit 1 1/4": SW 41

Scope Of Delivery

- Drilling drive BA-DEAD-MAN-1-160
- Additional handle
- Tapping tool
- GFCI operator protection switch 10 mA
- Gardena quick coupling brass

Technical Data

Adapter Performance	2200 W
Load-Rotation Speed, To, 1.Gear	530 r/min
Load-Rotation Speed, To, 2.Gear	1280 r/min
Load-Rotation Speed, To, 3.Gear	1780 mm
Torque Spindle, 1. Course	28.2 Nm
Torque Spindle, 2. Course	11.7 Nm
Torque Spindle, 3. Course	8.4 Nm
Core Bit-Ø, To, 1. Course	70 mm
Core Bit-Ø, To, 1. Course	160 mm
Core Bit-Ø, To, 2. Course	40 mm
Core Bit-Ø, To, 2. Course	70 mm
Core Bit-Ø, To, 3. Course	20 mm
Core Bit-Ø, To, 3. Course	40 mm













Drill Bit Connection, Nominal-Ø, Inch	1 1/4 "
Drill Bit Connection, Suffix	UNC
Weight	7.3 kg

Title	PU Piece	Article No.
B-DIAD-1MAN-160 DIA-DRILL WET	1	010473
AGR: 10.655		
Accessories Available	PU	Article No.

Accessories Available	PU Piece	Article No.
Double open-ended wrench 30x32 mm 100	1	104380
Double open-ended wrench 36x41 mm 100	1	208000
Double open-ended wrench 22x24 mm 100	1	104375
Ring Spanner long 41mm 101	1	123501

BE-200 Complete Drilling System

- Rapid Lock quick change system for engine and drill rig
- Drilling drive BDIAD-3-200: Integrated GFCI operator protection and mechanical overload clutch
- Integrated multi-function electronics
- Drillrig BS 200: Tool-less of the machine and adjustment of the drill rig by means of an attachable handle

Application Area

• Wet drilling in concrete and brick up a to Ø of 200 mm

Characteristics

- Drilling drive BDIAD-3-200:
- Double-spindle for drilling crowns connections 1.1 / 4 "and 1 / 2" UNC
- Rapid Lock quick change plate
- Slip clutch to protect gearing
- Water connection with quick coupling made of brass (Gardena)
- Drill rig BS 200:
- Solid, torsion free aluminum drill rig, robust frame with dowel foot and adjusting screws, compact feed unit with rack drive, tool-less repositioning of the feed lever on both sides, rapid lock collar 60 mm, drilling centering crowns with center display, built-in spirit levels, fixing possible by means of heavy duty fixings









Scope Of Delivery

- Drillrig drive BDIAD 3-200
 Drillrig stand BS 200
 Drillrig bit quick release ring
 Quick-coupling made of brass (Gardena)
 Open-end wrench 19 mm

Technical Data

Adapter Performance	2200 W
Load-Rotation Speed, To, 1.Gear	385 r/min
Load-Rotation Speed, To, 2.Gear	920 r/min
Load-Rotation Speed, To, 3.Gear	1280 mm
Torque Spindle, 1. Course	40 Nm
Torque Spindle, 2. Course	17 Nm
Torque Spindle, 3. Course	12 Nm
Core Bit-Ø, To, 1. Course	100 mm
Core Bit-Ø, To, 1. Course	200 mm
Core Bit-Ø, To, 2. Course	60 mm
Core Bit-Ø, To, 2. Course	100 mm
Core Bit-Ø, To, 3. Course	30 mm
Core Bit-Ø, To, 3. Course	60 mm
Drill Bit Connection, Nominal-Ø, Inch	1 1/4 "
Swivelling Range	45 °
Drill Bit Working Length	500 mm
Weight	18.2 kg

Title	PU Piece	Article No.
BE-200 drilling system	1	089867
AGR: 10.657		
Accessories Available	PU	Article No.
	Piece	
Double open-ended wrench 30x32 mm 100	Piece 1	104380
Double open-ended wrench 30x32 mm 100 Ring Spanner long 41mm 101	Piece 1 1	104380 123501

L BERNER

Wet diamond drilling (incl. drill tips)

Drill Rig BS 200

- Rapid Lock quick change system
- Tool-free mounting of the machine and adjustment of the drilling stand by means of the attachable handle

Characteristics

- Stable, torsion-free aluminum drill rig, robust frame with dowel foot and adjustment screws, compact unit with a rack travel
- both sides of the feed lever can be repositioned without tools, Rapid Lock clamping collar 60 mm, drilling centering crowns with center display, built-in spirit levels, fixing possible by means of heavy duty fixings



- Suitable for BDIAD-3-160 BDIAD-3-200 (with removed clamping collar on the drill rig)
- For all other drill drives with 60 mm collar diameter or 4-hole standard drilling pattern, used in conjunction with the Rapid Lock System (prod.no. 89 866)

Scope Of Delivery

- Drilling rig BS 200
- Rapid Lock clamping collar
- Open end wrench 30 mm
- Allen key AF 6 mm

Technical Data

Swivelling Range	45 °
Drilling Range, Up To	220 mm
Drill Bit Working Length	500 mm
Weight	10.9 kg

Title	PU Piece	Article No.
Drill Rig BS 200	1	089868

AGR: 10.656

INTERNAL/Approved (2019-03-22 20:35:41)







Complete Drilling System BE-350

• Drill drive BDIAD-3-350: Integrated GFCI operator protection and overload protection

Application Area

Wet drilling in concrete and brick up a to Ø of 350 mm

Characteristics

- Drill drive BDIA-3-350:
- Double-spindle for drilling crowns connections 1.1 / 4 "and 1 / 2" UNC
- Rapid Lock quick change plate
- Slip clutch to protect gearing
- Water connection with quick-coupling made of brass (Gardena)
- Drill BDIAD-250-300:
- Solid, torsion free aluminum drill rig, robust frame with dowel foot and adjusting screws, compact feed unit with rack drive, tool-less repositioning of the feed lever on both sides, Rapid Lock collar 60 mm, drilling centering crowns with center display, built-in spirit levels, fixing possible by means of heavy duty fixings

Hints

 The delivery period for this item is approximately three working days

Scope Of Delivery

- Drilling drive BDIAD-3-350
- Drill rig BS BS 250-300
- Drill bit quick-release ring
- Quick -coupling made of brass (Gardena)
- Open-end wrench 30 mm

Technical Data

Adapter Performance	3000 W
Load-Rotation Speed, To, 1.Gear	220 r/min
Load-Rotation Speed, To, 2.Gear	500 r/min
Load-Rotation Speed, To, 3.Gear	935 mm
Torque Spindle, 1. Course	99 Nm
Torque Spindle, 2. Course	43 Nm
Torque Spindle, 3. Course	21 Nm
Core Bit-Ø, To, 1. Course	170 mm
Core Bit-Ø, To, 1. Course	300 mm











Core Bit-Ø, To, 2. Course	80 mm
Core Bit-Ø, To, 2. Course	170 mm
Core Bit-Ø, To, 3. Course	40 mm
Core Bit-Ø, To, 3. Course	90 mm
Drill Bit Connection, Nominal-Ø, Inch	1 1/4 "
Drill Bit Connection, Suffix	UNC
Swivelling Range	45 °
Drill Bit Working Length	600 mm
Weight	28.2

VVeignt		20.2
Title	PU Piece	Article No.
BE-350 DIAMANT DRILLINGSYSTEM	1	337677
AGR: 10.657		
Accessories Available	PU Piece	Article No.
Accessories Available Double open-ended wrench 30x32 mm 100		Article No.

Pressurized Water Tank

• Mobile use if there is no water supply available at the drilling site

Application Area

• Water supply for the drill bits during wet drilling

Scope Of Delivery

- Pressure water tank
- 2.5 m braided hose with water stop plug connections

	• water supply for the arill bits during wet arilling		
44)	Characteristics		
Approved (2019-03-22 20:35:44)	 Easy to use: Fill the tank, connect to the drill driv sure, finished 	e, gener	ate pres-
03-2.	Scope Of Delivery		
d (2019-i	Pressure water tank2.5 m braided hose with water stop plug connec	tions	
rove	Technical Data		
Арр	Working Pressure, Max.		6 bar
NTERNAL/	Pressure Tank Content		10 I
INTE	Title	PU Piece	Article No.



PRESSURISED WATER RESERV.NABO	1	145134
ΔGR· 10 658		

AGR: 10.658

Drill Rig BS 250-300

- Rapid Lock quick change system
- Tool-free mounting of the machine and adjustment the drilling stand by means of attachable handle

Characteristics

 Stable, torsion-free aluminum drill rig, robust frame with dowel foot and adjustment screws, compact unit with a feed rack both sides of the feed lever can be repositioned without tools travel, Rapid Lock clamping collar 60 mm, drilling centering crowns with center display, built-in spirit levels, fixing possibleby means of heavy duty fixings



- Suitable for drilling drive-BDIAD 300-200 and 200-300 BDIAD-
- Can be used for all other drill drives with 60 mm collar diameter or 4-hole drilling pattern

Scope Of Delivery

- Drilling rig BS 250-300
- Rapid Lock clamping collar
- Open end wrench 30 mm

Technical Data

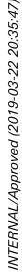
Swivelling Range	45°
Drilling Range, Up To	300 mm
Drill Bit Working Length	600 mm
Weight	16.3 kg

Title	PU Piece	Article No.
Drill Rig	1	092841

AGR: 10.656







7



Set for Fastening Drill Rigs in Concrete

Characteristics

 Secure and fast fixing of the drill rigs 150/BS BS 250 or BS 220 in concrete

Scope Of Delivery

- Threaded rod, locknut SW 30, washer, contact anchor M 12 (10), Setting tool for
- contact anchor

Title	PU Piece	Article No.
Set for Fastening Drill Rigs in Concrete AGR: 10.659	1	118764
Spare Parts	PU Piece	Article No.
Setting tool BEW H 12 SDS-plus	1	114650



Characteristics

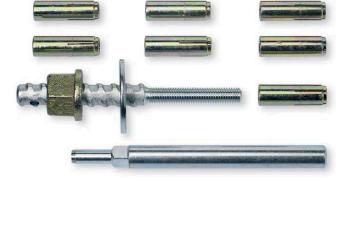
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 Secure and fast fixing of the drill stand 150/BS BS 250 or BS 220 in masonry

Scope Of Delivery

• Cord threaded rod locknut AF 29, U-disk, heavy duty anchor M 12 (5 pieces), Nut M 12, U-disk

Title	PU Piece	Article No.
Set for Fastening Drill Rigs in Masonry	1	118756
AGR: 10.659		
Accessories Available	PU	Article No.
Accessories Available	PU Piece	Article No.
Accessories Available INT.THREAD EXPANSION ANCHOR	_	Article No.







"Safety" Socket Distributor

- Full rubber casing guarantees lightness, resistance against impact, corrosion and electrical safety
- Connection socket: CEE-plug 5-pole, 400 V/32 A
- Integrated sockets: 1 x 32 A CEE, 2 x 16 A CEE, 3 x Schuko 16 A
- Earth leakage protection switch 25/0.03 A

Application Area

• Use after construction current distributors on construction sites

Characteristics

- CI-protection 30 mA for the socket outlets, suitable for electric tools, which do not have a built-in GFCI
- OVE tested according to EN 60439/4

Processing Information

• With practical carrying handle







Title	PU Piece	Article No.
"Safety" Socket Distributor	1/2/5	115421

AGR: 08.214

7

Wet drill crowns 1.1/4" PREMIUM

- Matrix segment technology uniform, accurate and consistent diamond arrangement throughout the segment
- Matrix segment: highest life and at the same time the best drilling progress, as there is always the optimal amount of diamonds in the drill bit
- Roof segment for optimal bore conduct
- 12 mm segment height so that there is a longer service life of at least 33% compared to competitive products with only 9 mm seament height
- Laser welded segments instead of soldered ones optimal protection against segment loss, even at higher heat built-up during drilling
- Drill bit tube with 450 mm working length
- Version with the two most common threaded connectors R 1/2 " or 1.1/4 " UNC

Application Area

• Reinforced concrete with medium heavy reinforcement, concrete with or without reinforcement, limestone, highly compacted sandlime, aerated concrete, hard brick, Poroton, brick

Characteristics

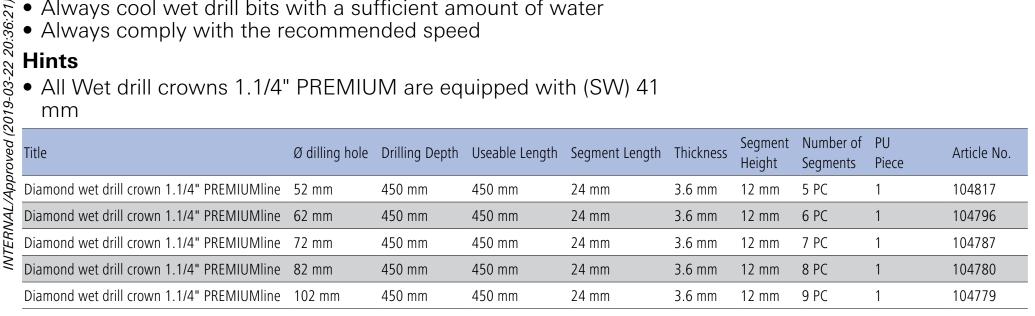
Overtwisted drill bit tube allows low-vibration and guiet working

Processing Information

- Always cool wet drill bits with a sufficient amount of water
- Always comply with the recommended speed

Hints

• All Wet drill crowns 1.1/4" PREMIUM are equipped with (SW) 41













Title	Ø dilling hole	Drilling Depth	Useable Length	Segment Length	Thickness	Segment Height	Number of Segments	PU Piece	Article No.
Diamond wet drill crown 1.1/4" PREMIUMline	112 mm	450 mm	450 mm	24 mm	3.6 mm	12 mm	10 PC	1	104778
Diamond wet drill crown 1.1/4" PREMIUMline	122 mm	450 mm	450 mm	24 mm	3.6 mm	12 mm	11 PC	1	104777
Diamond wet drill crown 1.1/4" PREMIUMline	132 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	11 PC	1	104768
Diamond wet drill crown 1.1/4" PREMIUMline	152 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	13 PC	1	104765
Diamond wet drill crown 1.1/4" PREMIUMline	162 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	14 PC	1	104764
Diamond wet drill crown 1.1/4" PREMIUMline	172 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	14 PC	1	104763
Diamond wet drill crown 1.1/4" PREMIUMline	186 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	15 PC	1	104762
Diamond wet drill crown 1.1/4" PREMIUMline	202 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	15 PC	1	104761
Diamond wet drill crown 1.1/4" PREMIUMline	225 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	15 PC	1	104759
Diamond wet drill crown 1.1/4" PREMIUMline	250 mm	450 mm	450 mm	24 mm	4.1 mm	12 mm	16 PC	1	104758
Diamond wet drill crown 1.1/4" PREMIUMline	300 mm	450 mm	450 mm	24 mm	5 mm	12 mm	18 PC	1	104754
Diamond wet drill crown 1.1/4" PREMIUMline	320 mm	450 mm	450 mm	24 mm	5 mm	12 mm	19 PC	1	104757
Diamond wet drill crown 1.1/4" PREMIUMline	350 mm	450 mm	450 mm	24 mm	5 mm	12 mm	20 PC	1	104756

AGR: 10.651

Wet drill crowns 1/2" PREMIUM

- Matrix segment technology uniform, accurate and consistent diamond arrangement throughout the segment
- Matrix segment: highest life and at the same time the best drilling progress, as there is always the optimal amount of diamonds in the drill bit
- Roof segment for optimal bore conduct
- 12 mm segment height so that there is a longer service life of at least 33% compared to competitive products with only 9 mm segment height
- Laser welded segments instead of soldered ones optimal protection against segment loss, even at higher heat built-up during drilling
- Drill bit tube with 450 mm working length
- Version with the two most common threaded connectors R 1/2 " or 1.1/4 " UNC

Application Area

• Reinforced concrete with medium heavy reinforcement, concrete with or without reinforcement, limestone, highly compacted sand-lime, aerated concrete, hard brick, Poroton, brick











Characteristics

Overtwisted drill bit tube allows low-vibration and quiet working

Processing Information

- Always cool wet drill bits with a sufficient amount of water
- Always comply with the recommended speed

Hints

 All Wet drill crowns 1/2" PREMIUM are equipped with wrench size (SW) 24 mm

Title	Ø dilling hole	Drilling Depth	Useable Length	Segment Length	Thickness	Segment Height	Number of Segments	PU Piece	Article No.
WET COREDRILL1/2"25X450MM PREM	25 mm	450 mm	450 mm	14 mm	3.1 mm	12 mm	3 PC	1	104755
WET COREDRILL1/2"30X450MM PREM	30 mm	450 mm	450 mm	14 mm	3.1 mm	12 mm	4 PC	1	104965
Diamant wet drill crowns 1/2"	40 mm	450 mm	450 mm	14 mm	3.1 mm	12 mm	5 PC	1	104930
WET COREDRILL1/2"51X450MM PREM	51 mm	450 mm	450 mm	24 mm	3.6 mm	12 mm	5 PC	1	104928

AGR: 10.650

Extension Crown Drill R 1/2"

Characteristics

• For the extension of R 1/2" drill bits, burnished round steel, SW 22/24 mm, drill bits from an outside diameter of 32 mm can be extended to the needed measure

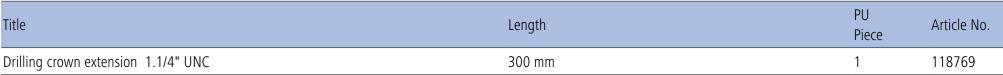
Title	Length	PU Piece	Article No.
DRILL CROWN-EXT. 1/2"-300 MM	300 mm	1	118766

AGR: 10.652

Drilling crown extension, 1.1/4" UNC

Characteristics

 For extending 1.1 / 4 "UNC drill bits, round steel, burnished, SW 41 mm drill bits from an outside diameter of 50 mm may be extended upon-needed measure







Reductors

Characteristics

• For drill drives with 1 1/4" UNC threaded connection for the absorption of core bits with R 1/2" thread

Title	PU Piece	Article No.
Adapter 1 1/4" to 1/2"	1	118760



Sharpening Stone for Drilling Crowns

Application Area

• Resharpening diamond drilling crowns (wet and dry), as well as diamond blades

Processing Information

- Press blunt drill bit at low speed and light pressure on the segments sharpening stone.
- Diamond blade several times briefly dip in the sharpening stone.
- Attention: Wear protection glasses and fix sharpening block securely

Title	PU Piece	Article No.
Sharpening Stone for Drilling Crowns	1	118757
AOD 40 050		







Diamond Drill System for Hard Materials

- Drills faster, cleaner and more precise than customary hard metal drillers
- Multiple service life of a hard metal driller
- Driller shaft with 3 surfaces for safe hold in the drill chuck no spinning possible
- Simple use with cordless screwdriver

Application Area

 Drill system for hard tiles, fine stoneware, ceramic, granite, marble, glass tiles with the drill diameters 5 mm, 6 mm, 8 mm, 10 mm, 12 mm and 14 mm

Processing Information

- Each 12 V cordless screwdriver is suitable for the use with the diamond driller
- Drilling without impact
- Ideal rotational speed ratio between 500 700 RPM provides an optimal drilling result
- The diamond driller must always be cooled down with water during drilling

Scope Of Delivery

- 7-part diamond drill set: Drill aid per 1 x diamond driller Ø 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14 mm, aluminium case
- 9-part diamond drill set: Drill aid per 1 x diamond driller Ø 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14 mm, pressure spray bottle, hose, aluminum case

PU Piece	Article No.
1	043422
1	043677

AGR: 10.657

INTERNAL/Approved (2019-03-22 20:36:53)

Accessories Available	PU Amount	Article No.
Centering device for a diamond drill	1	043420
Pressure sprayer 0.5 I with hose for diamond drill bit system	1	039119











Accessories for the Diamond Drill System

Title	PU Piece	Article No.
Centering device for a diamond drill	1	043420
PLASTIC HOSE 2 M	1	039120
Pressure spray bottle with hose	1	039119
AGR: 10.657		

AGR: 10.657



Individual Diamond Drill for hard materials



Title	Drill shank	Ø	Working Length	Total Length	PU Piece	Article No.
Diamond drill bit WET	Round-section	5 mm	30 mm	65 mm	1	042171
Diamond drill bit WET	Round-section	6 mm	34 mm	65 mm	1	039108
Diamond drill bit WET	Round-section	8 mm	34 mm	65 mm	1	039110
Diamond drill bit WET	Round-section	10 mm	34 mm	65 mm	1	039112
Diamond drill bit WET	Round-section	12 mm	34 mm	65 mm	1	039114
Diamond drill bit WET	Round-section	14 mm	34 mm	65 mm	1	042173

AGR: 10.640

Diamond drill AS

- Dry drilling water cooling is not required
- Can be used with any type of standard drills (both mains equiped and cordless)

Application Area

• Rapid and unplanned drilling performance of hard materials, such as: porcelain tiles, stone tiles, tiles, ceramic, granite and marble.

Processing Information

• Diamond drill bit is inserted in the drill hole is to start to angle. When desired for drilling has been created, the drill can gradually be placed perpendicular to the bore-facing





- Drilling should not be done under strong pressure to the drill. At the drilling would hear grinding noise
- Immediately after completion of drilling tiles, drilling complete the construction of a carrier with a standard hammer or rock drill
- The optimum speed of approx. 1500 1 / min.
- Only drilling without impact mechanism

Hints

- When a continuous series of wells is recommended to dampen the surface with very small amount of water.
- Paraffin as a coolant prevents the drill from the heat and prolongs its life.

Title	Ø dilling hole	PU Piece	Article No.
DIAMOND DRILL AS	6 mm	1	178326
DIAMOND DRILL AS	8 mm	1	178327
DIAMOND DRILL AS	10 mm	1	178328
DIAMOND DRILL AS	12 mm	1	178329
DIAMOND DRILL AS	14 mm	1	178331



Diamond drill AS set

Application Area

• Rapid and unplanned drilling performance of hard materials, such as: porcelain tiles, stone tiles, tiles, ceramic, granite and marble.

Characteristics

• Drill set with 4 pieces in a stable plastic box

Scope Of Delivery

 Diamond drill kit which will include four drill: Ø 6, 6, 8, 10 mm packed in plastic box



Title	PU Piece	Article No.
DIAMOND DRILL AS SET	1	198171
AGR: 10.643		
Scope Of Supply	Piece	Article No.
Diamond DDV drill Complex standart drilling machines	2	170226
Diamond DRY drill 6mm for standart drilling machines	Z	178326
Diamond DRY drill 8mm for standart drilling machines	1	178326

Diamond Dry Core Drill Bits

- Dry drilling, no water cooling required and no time-intensive subsequent cleaning
- Usable up to 35 mm thickness
- Long service life of the dry drill through self-cooling
- Extremely fast drilling
- Can be used on any standard angle grinder

Application Area

• For drilling clean holes in hard materials such as porcelain stoneware, hard tiles, ceramic, granite and marble

Characteristics

• Connection M14 for angle grinder

Processing Information

 Screw diamond dry drill on angle, start angle and drill circular. After drilling the hole, the drill is made gradually perpendicular Angle grinder with adjustable electronics are particularly well suited for use







Hints

 Paraffin as a coolant in the dry drills Ø 6 -12 mm protects the drill head from heat and prolongs the life Special vents in the dry drills Ø 30 to 90 mm ensure good dust removal and cooling.

Title	Ø dilling hole	PU Piece	Article No.
DIA Core drill bit dry	40 mm	1	091309
DIA Core drill bit dry	50 mm	1	091310

AGR: 10.643

Diamond Crown M14

- Simplicity of implementation.
- Can be used without water.
- The high rotational speed of the machine (10 000 rev / min) facilitates ignition of the hole.

Application Area

Angle grinders with an adjustable electronic engineering are particularly suitable for the application of the Berner diamond dry core bit

Characteristics

• Connection M14 for angle grinder

Processing Information

- Utlisation grinder with a wire.
- For easy priming, it is advisable to attack through the material with the drill bit, then the bit position of 90 ° relative to the material.

Hints

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 Dry drilling, paraffin as a coolant in the bits 6 to 12 mm protects the crown head from heat and extends the life

Title	Ø dilling hole	PU Piece	Article No.
Diamond Crown M14	6 mm	1/2/10	213396
Diamond Crown M14	8 mm	1/2/10	213395
Diamond Crown M14	10 mm	1/2/10	213394
Diamond Crown	12 mm	1/2/10	213393
DIAMOND CROWN M14 15 MM	15 mm	1	210073





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Wet diamond drilling (incl. drill tips)

Title	Ø dilling hole	PU Piece	Article No.
Diamond Crown	20 mm	1	210071
DIAMOND CROWN M14 26 MM	26 mm	1	210070
DIAMOND CROWN M14 32 MM	32 mm	1	210069
DIAMOND CROWN M14 38 MM	38 mm	1	210068
Diamond Crown	45 mm	1	210067
DIAMOND CROWN M14 58 MM	58 mm	1	210066
DIAMOND CROWN M14 65 MM	65 mm	1	210063
DIAMOND CROWN M14 68 MM	68 mm	1	210062
DIAMOND CROWN M14 70 MM	70 mm	1	210061
DIAMOND CROWN M14 80 MM	80 mm	1	210060
Diamond Crown M14 102 mm	102 mm	1	210059
Diamond Crown	110 mm	1	210049



Diamond Core Drill Bit for Angle Grinder Box 6, 8, 10 mm

- Diamond drill bits in premium quality
- Ideal for tiles, ceramics and hard materials
- High-quality and practical plastic box

Application Area

• Dry drilling in tiles and concrete

Characteristics

• Set 3 pieces

Scope Of Delivery

- 1 x Art. 213396 Dia Core drill Bit Ø 6 mm
- 1 x Art. 213395 Dia Core Drill Bit Ø 8 mm
- 1 x Art. 213394 Dia Core Drill Bit Ø 10 mm





Title	PU Box	Article No.
Diamond Core Drill Bit	1	332410
AGR: 10.640		
	_	
Scope Of Supply	Piece	Article No.
Scope Of Supply Diamond Crown M14	Piece 1	Article No.
	Piece 1 1	



Diamond Core Drill Bit for Angle Grinder Box 6-15 mm

• Practical plastic case

Characteristics

• Set 5 pieces



Title	PU Assortment	Article No.
DIA Core Drill Bit Angle Grind. Box 6-15 mm	1	215710
AGR: 10.640		
Scope Of Supply	Piece	Article No.
Diamond Crown M14	1	213396
Diamond Crown M14	1	213395
Diamond Crown M14	1	213394
Diamond Crown M14 Ø 12 mm	1	213393
DIAMOND CROWN M14 15 MM	1	210073



Diamond Core Drill Bit for Angle Grinder Box 20-68 mm

• Practical plastic case

Characteristics

• Set 8 pieces



Title	PU Assortment	Article No.
Diamond Core Drill Bit Angle Gr. 20-68 mm	1	216189
AGR: 10.640		
Scope Of Supply	Amount	Article No.
Diamond Crown M14 Ø 20 mm	1	210071
DIAMOND CROWN M14 26 MM	1	210070
DIAMOND CROWN M14 32 MM	1	210069
DIAMOND CROWN M14 38 MM	1	210068
Diamond Crown M14 Ø 45 mm	1	210067
DIAMOND CROWN M14 58 MM	1	210066
DIAMOND CROWN M14 65 MM	1	210063
DIAMOND CROWN M14 68 MM	1	210062

EXTREMEcut Ceramic Set

Characteristics

• Set of 3 EXTREMEcut Ceramic drill bits

Hints

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• 3-piece drill bit set in sturdy plastic case

Title	PU Piece	Article No.
EXTREMEcut Ceramic Set	1	242610





EXTREMEcut Ceramic

- Centering tip allows precise placement and exact holes without breakage
- No cooling required

Application Area

 For extremely hard porcelain/gres tiles up to Mohs/Ritz hardness 9 and glass

Processing Information

- Precise centering with light pressure, Turn on the drill, Full feed pressure, Reduced feed pressure in the exit of the hole (drilling through the tile)
- 200 rpm recommended spindle speed
- 400 rpm possible spindle speed, but increased wear of drill bit or service life losses (about 7-9%) can be expected
- 35 45 kg: optimum feed pressure
- "cutting (scratch) noise" should be heard
- Not suitable for percussion drilling
- Please avoid tilt and swivel motion during drilling operation. Risk of breakage

Hints

- Low feed pressure or too high spindle speed (rpm) = early end of tool life
- If despite the recommended spindle speed (rpm) and optimum feed pressure is no cutting (scratch) noise, the service life of the drill bit is achieved









Title	Ø	Total Length	PU Piece	Article No.
EXTREMEcut Ceramic 6 mm	6 mm	115 mm	1	242606
EXTREMEcut Ceramic 8 mm	8 mm	120 mm	1	242607
EXTREMEcut Ceramic 10 mm	10 mm	120 mm	1	242609



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Drill Drive BDIAD-1800-162

- Overload clutch protects against damage on the machine
- Speed control, for each dry drilling the optimum speed
- Accelerator switch for electronic speed regulation
- High torque for large bores
- Dry drilling system without water, thus, very low pollution.
- Ideal for use in residential buildings/rooms, as there is virtually no dust and no vibrations.
- Fast and tool-free drill bit exchange by means of a bayonet quick release coupling.
- In conjunction with an industrial vacuum cleaner, the user and the work environment are protected from drilling dust and at the same time the drill bit is cooled

Application Area

• Fireplace connections, cable ducts, sockets and junction boxes, exhaust and fresh air for cooker hoods, supply and waste pipelines, heating and control lines, ventilation channels, draining of masonry, anchor bores in stairs and gate construction

Characteristics

• Hand-guided 1-speed drill drive for dry drilling applications, also suitable for a drill rig with a 60 mm clamping neck attachment

Processing Information

- The following materials can be processed: Concrete, vertically perforated brick, limestone, wall tiles, clinker, bricks, pumice, composite stone, fireclay
- Not suitable for concrete or reinforced concrete

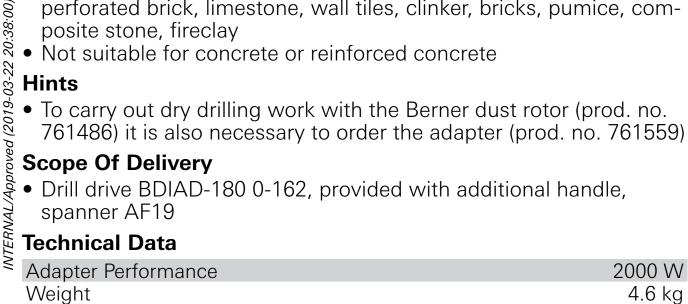
Hints

• To carry out dry drilling work with the Berner dust rotor (prod. no. 761486) it is also necessary to order the adapter (prod. no. 761559)

Scope Of Delivery

• Drill drive BDIAD-180 0-162, provided with additional handle, spanner AF19

Technical Data















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Title	PU Piece	Article No.
Drill drive BDIAD-1800-162	1	170325
AGR: 02.071		
Accessories Available	PU Piece	Article No.
	riece	
Double open-ended wrench 18x19 mm 100	1	104371
Double open-ended wrench 18x19 mm 100 Double open-ended wrench 22x24 mm 100	1	104371 104375
·	1 1 1	



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Dry Drilling Crowns

Characteristics

- Highly maximized tool life thanks to the segment height of 7 mm with full diamond segments
- fast drilling progress thanks to the use of high quality industrial diamonds and ground diamond segments
- accurate operation with low vibrations thanks to the overturned drill crown cylinder
- optimum protection against segment loss thanks to the precise brazing of the segments – drill crown can be retipped up to two times using silver solder

Processing Information

- Dry drilling crowns must always be used in conjunction with the dust rotor. This ensures optimum extraction of dust and fragments and cools the diamond segments on the drill crown at the same time. Always comply with to the recommended speed for the dry drilling crown
- The following materials can be processed: Concrete, perforated bricks, sand-lime brick, wall tiles, brick, bricks, pumice, composite stone, fireclay.
- Not suitable for concrete or reinforced concrete

Title	Ø dilling hole	Drilling Depth	Useable Length	Segment Length	Thickness	Segment Height	Number of Segments	PU Piece	Article No.
Drill Crown	51 mm	-	200 mm	24 mm	3.5 mm	7 mm	3 PC	1	761621
TROBO DRILL CRWN 200K 68X200	68 mm	200 mm	200 mm	24 mm	3.5 mm	7 mm	3 PC	1	761664
Drill Crown	68 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	3 PC	1	761788
Drill Crown	82 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	4 PC	1	761796
Drill Crown	101 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	5 PC	1	761818
Drill Crown	112 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	5 PC	1	761826
Drill Crown	126 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	6 PC	1	761834
Drill Crown	131 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	6 PC	1	761842
Drill Crown	151 mm	320 mm	320 mm	24 mm	3.5 mm	7 mm	8 PC	1	761850
TROBO DRILL CRWN 200K 161X200	161 mm	200 mm	200 mm	24 mm	3.5 mm	7 mm	8 PC	1	145867
Drill Crown	181 mm	200 mm	200 mm	24 mm	3.5 mm	7 mm	9 PC	1	824467

AGR: 10.643

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Characteristics

 Centering drill available in different lengths to match the length of the dry drilling crown, tool- less attachment and removal, centering tip fits all centering drills and is screwed into the tip of the centering drill

Title	Length	PU Piece	Article No.
Centering drill for dry drilling system	200 mm	1	761516
TROBO CENTR.DRILL 320MM	320 mm	1	761680

AGR: 10.644

Drilling Crown Extension

Characteristics

• This extension for dry drilling crowns is quick and easy to use. No tools required, simply use the bayonet fastening provided to attach it to a dry drilling crown

Processing Information

• Drill crown extension suitable for drill crowns with a diameter of 68 mm or larger

Title	PU Piece	Article No.
Drilling crown extension	1	761494
100 10011		





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Adapter for dry drilling technology

Characteristics

 Adapter for the connection of Berner dry drill drives (and other standard commercially available drives) to the dust rotor

Hints

- M 32 x 1.5 is the connecting thread in the dust rotor, which connects the Bernese dry drill with the drill drive
- M 18 x 2.5 connecting thread of the Berne dry drilling drives
- 1/2 "is the connecting thread for the Bernese wet drill drive BDIAD-3-160, when it is to be converted for dry drilling
- Item No. 761,559 adapter with female thread M 18 x 2.5 on external thread M 32 x 1.5
- Item No. 761,583 adapter with male thread R1 / 2 "external thread on M 32 x 1.5

Adapter	1	761559
Title	PU Piece	Article No.

AGR: 10.644

Dust Rotor

 Bayonet fastening for the quick connection of dust rotor and dry drilling crown

Characteristics

 For the extraction of dust and rocks in dry drilling in conjunction with a vacuum cleaner, in addition, the segments of the dryer are particles generated by suction airflow bit cooled, thus increasing the service life

Hints

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- The dust rotor is fitted between the dry drill drive and the dry drill crown
- We have a range of different adapters which allow the dust rotor to be connected to a variety of machines

Title	PU Piece	Article No.
Dust rotor	1	761486







Further diamand cutting and drilling

Complete Universal Dry Diamond Core Drill Bit

Scope Of Delivery

- Diamond drill bit universal adapter with M 16 thread and 12 mm hexagon
- Centering bit Ø 8 mm, length 120 mm



Title	Ø dilling hole	Drilling Depth	Useable Length	Number of Segments	PU Piece	Article No.
Dry Diamond Core Drill Bit	68 mm	60 mm	60 mm	3 PC	1	834971
Dry Diamond Core Drill Bit	82 mm	60 mm	60 mm	4 PC	1	834980

AGR: 10.640

Dry Diamond Core Drill Bit





Title	Ø dilling hole	Drilling Depth	Useable Length	Number of Segments	PU Piece	Article No.
Dry Diamond Core Drill Bit	68 mm	60 mm	60 mm	3 PC	1	591866
Dry Diamond Core Drill Bit	82 mm	60 mm	60 mm	4 PC	1	591874



Further diamand cutting and drilling

Arbor for Diamond Core Drills XS Premium, Hexagon/ M 16

Characteristics

galvanized steel

Processing Information

• For the connection of Bernese diamond core drills with M16 threaded mount and center Mounting Shaft 6-brink for machines with a guick or drill chucks Using diamond core drills in impact drills and turning without impact

Scope Of Delivery

Adapter is delivered with a center drill

Title	Thread	Length	Drill shank	Ø	PU Piece	Article No.
HOLDER HEX SW 12 XS	M 16	100.5 mm	6KT SW 12	7.5 mm	1	591890

AGR: 10.644

Centering Bit with Carbide Tip



Characteristics

Center drill with soldered carbide plate

Technical Data



Steel