

CHISEL WITH CHANNEL AND GLIDES

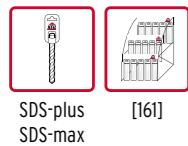
EXECUTION

- Made of high-quality tool steel, shot-peened and hardened

FOR USE IN



PACKAGING



DRIVE		L1 mm	B mm	EAN 4016707...
	SDS-plus HILTI TE-C	250	22	502 422 250 260179
	SDS-max HILTI TE-Y	380	35	503 435 380 260186



STONE AND SPECIAL DRILL BITS



TILE CHISEL

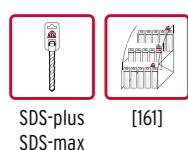
EXECUTION

- Made of high-quality tool steel, shot-peened and hardened

FOR USE IN



PACKAGING



DRIVE		L1 mm	B mm	EAN 4016707...
	SDS-plus HILTI TE-C	200	40	502 540 200 260162
	SDS-max HILTI TE-Y	300	50	503 550 300 260193



119 | 219 Universal drill bit GOLDCRAFT

119 SDS-plus MS5 universal drill bit GOLDCRAFT

168 Hard stone drill bit HARDTEC

151 Tile / brick drill bit KERAMIK

774 Diamond Core Allround

786 Tile drill bit KERAMIK diamond - dry drill

788 Tile drill bit KERAMIK diamond - dry drill M14

130 Glass drill bit

131 Glass drill bit KEILBIT

166 Universal drill bit KEILBIT

238 Concrete drill bit MS5 TURBOHEAD Xpro

258 Concrete drill bit MS5 TURBOKEIL

154 | 204 | 404 Granite drill bit PRIMUS

150 | 200 | 400 | 600 Percussion drill bit KEILER

190 | 290 Masonry drill bit OPAL

715 Universal hollow core

719 Universal hollow core M16 GOLDCRAFT

719 Centre drill bit GOLDCRAFT for locating shank M16

711 Hollow core M16 complete

710 Hollow core M16

712 Locating shank M16 hexagon

713 Locating shank M16 SDS-Plus

715 Centre drill bit for locating shank M16

714 Locating shank M16 SDS-PLUS complete

800 Quick bit holder for bits and KEILBIT

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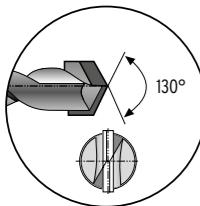
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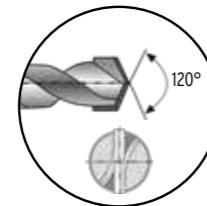
PERCUSSION DRILL BITS

No problem at all. The percussion drill bit easily and precisely manages each challenge.



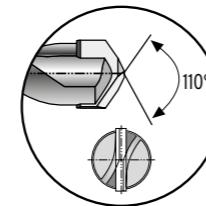
UNIVERSAL DRILL BITS GOLDCRAFT

With the special cutting edge geometry, the diamond ground cutting zone and the carbide plate the GOLDCRAFT is suitable for nearly all materials to be drilled. The very hard tungsten-titanium carbide tip stands for an extremely wear resistant drill bit.



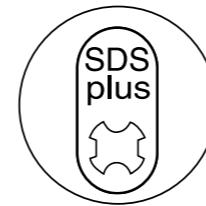
HARD STONE DRILL BIT HARDTEC

Thanks to the high portion of tungsten carbide and its homogeneous fine structured grain the HARDTEC can drill reliable through hardest stone like granite, gneiss, slate and basalt at the recommended 1000 rpm and high contact pressure.



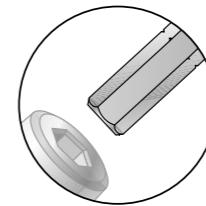
TILE / BRICK DRILL BITS

The high-performance drill bit allows dry drilling in hardest ceramics, stoneware, tiles and hard burnt bricks up to a scratch hardness of 9. The tungsten-titanium tip is a diamond ground special hard metal tip.



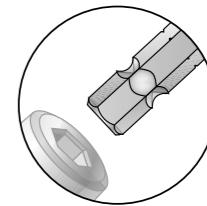
SDS-PLUS LOCKING

The SDS-plus shaft is directly fitting into all hammer drilling machines with SDS-plus and Hilti TE-C chuck.



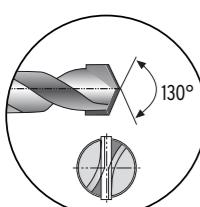
KEILBIT (C 6.3 MM)

This is a different kind of shaft of the KEILBIT with short hexagonal shank and short drill bit.



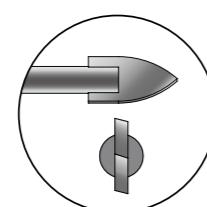
KEILBIT (E 6.3 MM)

Modern cordless screwdrivers are extremely powerful and can definitely be used for drilling. The KEILBIT has specially been invented for the fast and direct application in these machines. No change of machines is necessary anymore. For the various materials we offer different alternatives of the KEILBIT.



STONE DRILL BIT

The masonry drill has a non-cutting shaped drilling helix, which is also suitable for rotating application into concrete. The material strength is adapted to drill shanks and shaft diameters. Therefore it is appropriate for rotating as well as for percussive application.



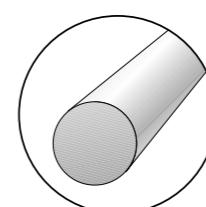
GLASS DRILL BIT

The glass drill bit drills precise and exact holes in sensitive and hard materials. The specially ground cutting edge allows a careful drilling process. The life time of this drill can be considerably prolonged by regrinding.



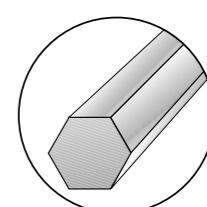
ROTASTOP

Optimal anti-twist protection, low frictional loss, high drilling performance. 99 % of the ROTASTOP shape guarantee an optimum transmission of torque. The result: no slipping in the chuck. ROTASTOP allows easy tool changing within seconds



CYLINDRICAL SHAFT

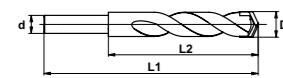
Tools with round shaft are the top selling drilling tools. The round shaft is fitting into all three-jaw chucks and quick change chuck.



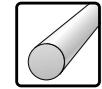
HEXAGONAL SHAFT (10.0 MM)

The hexagonal shank offers a better transmission of rotation especially when working with big diameters and long drill bits.

119 | 219 UNIVERSAL DRILL BIT GOLDCRAFT



DRIVE



D ∅ mm	D ∅ "	L2 mm	L1 mm	d ∅ mm		EAN	
3,0	1/8	40	70	2,8	20	210013	119 000 030
4,0	5/32	40	75	3,6	20	210020	119 000 040
5,0	3/16	50	85	4,6	20	210037	119 000 050
5,0	3/16	110	150	4,6	10	212017	219 000 050
5,5	7/32	50	85	5,1	20	210044	119 000 055
6,0	15/64	60	100	5,6	20	210051	119 000 060
6,0	15/64	110	150	5,6	10	212024	219 000 060
6,0	15/64	200	250	5,6	10	916878	219 060 250
6,5	1/4	60	100	6,1	20	210068	119 000 065
6,5	1/4	110	150	6,1	10	212031	219 000 065
6,5	1/4	200	250	6,1	10	916885	219 065 250
7,0	9/32	60	100	6,6	20	210075	119 000 070
7,0	9/32	200	250	6,6	10	916892	219 070 250
8,0	5/16	80	120	7,1	20	210082	119 000 080
8,0	5/16	135	200	7,3	10	212048	219 000 080
9,0	11/32	80	120	8,1	20	210099	119 000 090
10,0	3/8	80	120	8,7	20	210105	119 000 100
10,0	3/8	135	200	8,7	10	212055	219 000 100
12,0	15/32	90	150	10,0	10	210112	119 000 120
12,0	15/32	135	200	10,0	10	212062	219 000 120
14,0	9/16	90	150	10,0	10	210129	119 000 140
16,0	5/8	90	150	10,0	10	210310	119 000 160

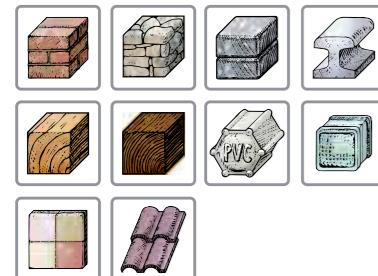
EXECUTION



Certified product by
Prüfgemeinschaft Mauerbohrer (PGM)

- ISO 5468
- Special cutting edge geometry (see diagram)
- Diamond-ground carbide tip
- Universal drill bit with asymmetric spiral shape
- Milled flute for optimum removal of drilling dust
- Straight flute entry
- High-temperature brazing at about 1,120°C
- Special cutting helix with micro surface hardness
- Ground surface

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines

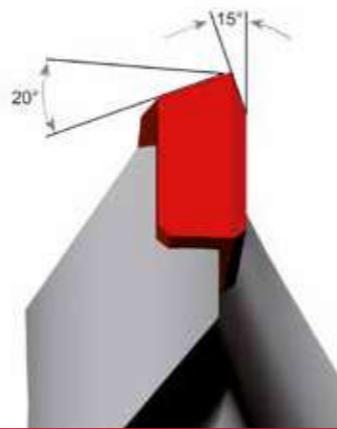
PACKAGING



Comments

- Regrinding of the carbide tip becomes necessary during prolonged use
- Higher wear of carbide tip when drilling in abrasive materials
- Only use sharp drill bits for drilling in porcelain, ceramics, glass

UNIVERSAL DRILL BIT GOLDCRAFT



The GOLDCRAFT is suitable for almost all materials to be drilled due to the special cutting edge geometry and the diamond-ground cutting surfaces of the carbide tip.

The very hard tungsten-titanium carbide tip makes the drill bit extremely wear resistant.

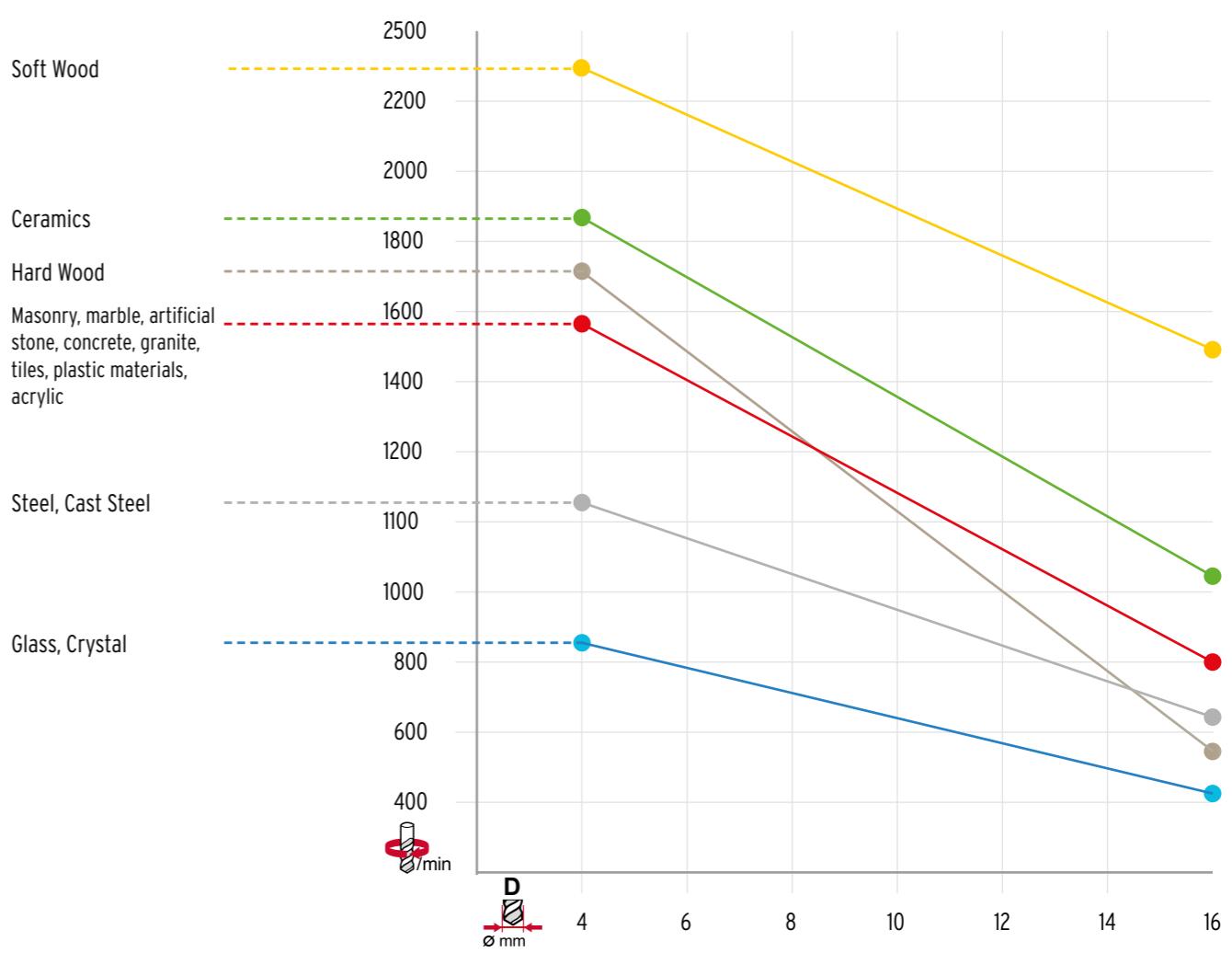
UNIVERSAL DRILL BIT

GUIDE VALUES FOR UNIVERSAL DRILL BITS GOLDCRAFT

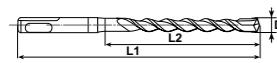
Rotations per minute	4	Diameter in mm → 16
	2350	1500
	1880	1030
	1580	800
	1120	640
	1700	510
	850	410



Masonry, marble, artificial stone, concrete, granite, tiles, plastic materials, acrylic



119 SDS-PLUS UNIVERSAL DRILL BIT GOLDCRAFT

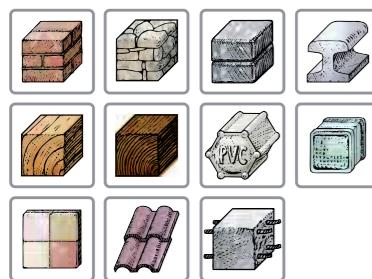
**DRIVE**

D Ø mm	D Ø "	L2 mm	L1 mm		EAN	V12345
5,0	3/16	50	110	1	213090	119 255 010
6,0	15/64	50	110	1	213106	119 255 011
6,0	15/64	100	160	1	213014	119 255 001
8,0	5/16	50	110	1	213113	119 255 012
8,0	5/16	100	160	1	213021	119 255 002
8,0	5/16	150	210	1	213038	119 255 003
10,0	3/8	100	160	1	213045	119 255 004
10,0	3/8	200	260	1	213052	119 255 005
12,0	15/32	100	165	1	213069	119 255 006
12,0	15/32	200	260	1	213076	119 255 007
14,0	9/16	200	265	1	213083	119 255 008

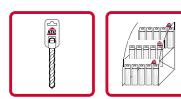
EXECUTION

Certified product by
Prüfgemeinschaft Mauerbohrer (PGM)

- ISO 5468
- Special cutting edge geometry (see diagram)
- Diamond-ground carbide tip
- Universal drill bit with MS5 helix
- High-temperature brazing at about 1,120°C
- Special cutting helix with micro surface hardness
- Ground surface

FOR USE IN**APPLICATION**

- Fits directly into all hammer drilling machines with SDS-plus and HILTI TE-C drive
- Adapters for SDS-plus [36]

PACKAGING

[162]

Comments

- Regrinding of the carbide tip becomes necessary during prolonged use
- Higher wear of carbide tip when drilling in abrasive materials
- Only use sharp drill bits for drilling in porcelain, ceramics, glass

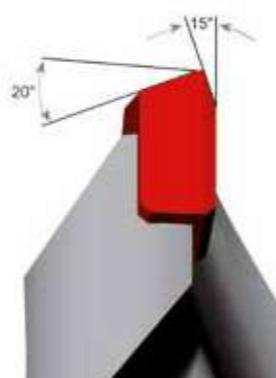
SDS-PLUS MS 5 UNIVERSAL DRILL BIT GOLDCRAFT

The GOLDCRAFT is suitable for almost all materials to be drilled due to the special cutting edge geometry and the diamond-ground cutting surfaces of the carbide tip.

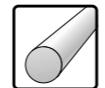
The very hard tungsten-titanium carbide tip makes the drill bit extremely wear resistant.

MS5 spiral for ergonomic and ecological work flow:

- High drilling speed
- Fast transport of drilling dust
- High grade of stiffness and long service life
- High resistance against Breakage



168 HARDTEC HARD STONE DRILL BIT

**DRIVE**

D Ø mm	D Ø "	L2 mm	L1 mm	d Ø mm		EAN	V12345
4,0	5/32	40	75	4	20	915772	168 000 040
5,0	3/16	50	85	5	20	915789	168 000 050
6,0	15/64	60	100	6	20	915796	168 000 060
8,0	5/16	75	120	8	20	915802	168 000 080
10,0	3/8	75	120	10	20	915857	168 000 100

EXECUTION

Certified product by
Prüfgemeinschaft Mauerbohrer (PGM)

- ISO 5468
- Special cutting edge geometry (see diagram)
- Diamond-ground carbide tip
- Universal drill bit with MS5 helix
- High-temperature brazing at about 1,120°C
- Special cutting helix with micro surface hardness
- Ground surface

SPECIAL FEATURES**Special carbide tip:**

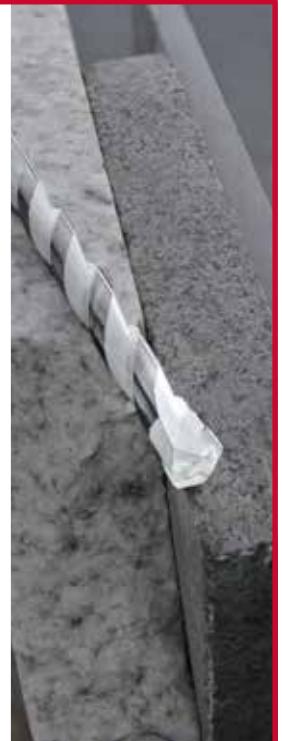
- High portion of tungsten carbide
- Homogenous fine structured grain
- Special cutting edge of 120°
- Precise diamond grinding

Materials:

- Expert for granite, gneissic rock, slate, basalt
- Specially suitable for hard ceramic tiles, porcelain and other hard materials

Advantages:

- Wear resistant carbide drill bit with long life time
- High drilling speed
- The drill bit can be resharpened with a diamond- or silicon carbide grinding wheel
- Very long service life

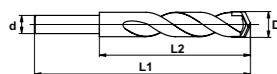
**APPLICATION**

- In all rotary and percussion drilling machines
- Only for rotary use
- High contact pressure
- Rotation speed approx. 1000 rpm

PACKAGING

[144]

151 TILE/BRICK DRILL BIT KERAMIK WITH TSM CARBIDE TIP



DRIVE



EXECUTION

- ISO 5468
- Asymmetric spiral shape
- Milled flute for optimum removal of drilling dust
- Straight flute entry
- Tungsten-titanium TSM carbide tip
- High-temperature brazing at about 1,120°C
- Burnished surface
- Up to 12 mm Ø with ROTASTOP shank

FOR USE IN



D Ø mm	D Ø "	L2 mm	L1 mm	d Ø mm	EAN	
4,0	5/32	40	75	3,6	510106	151 018 040
5,0	3/16	50	85	4,6	510113	151 018 050
5,5	7/32	50	85	5,1	904875	151 018 055
6,0	15/64	60	100	5,6	510120	151 018 060
6,5	1/4	60	100	6,1	904882	151 018 065
8,0	5/16	80	120	7,1	510137	151 018 080
10,0	3/8	80	120	8,7	510144	151 018 100
12,0	15/32	90	150	10,0	510151	151 018 120
14,0	9/16	90	150	10,0	510090	151 017 140



APPLICATION

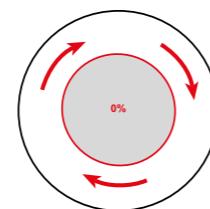
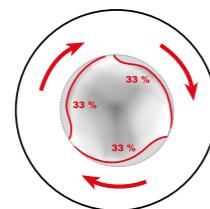
- In all rotary and percussion drilling machines
- High contact pressure
- 20 seconds cooling time
- Only for rotary use
- In materials up to scratch hardness of 9
- Drilling process and tool life can be increased by cooling with water

PACKAGING



FEATURES

- A new technology makes it possible to use this high-performance rotary drill bit for dry drilling in hardest ceramic, porcelain stoneware, tiles and hard burnt brick up to a scratch hardness of 9
- The tungsten-titanium tip is a diamond-ground special carbide tip
- The special grinding has been adapted for the drilling of particularly dense material and guarantees a long life - up to 500% longer than comparable products.
- Low-stress high-temperature brazing at 1,120°C prevents detaching of the extremely hard and sharp carbide tip even under excessive loads.
- The intended microscopic breakouts on the cutting edges provide edges which stay sharp.



ROTASTOP

PRODUKT INFORMATION ROTASTOP

- The polygonal shape of the ROTASTOP section on the outside of the drill bit reduces surface contact to 3 points which leads to a reduction in the frictional resistance and thus to a considerably higher rate of work with noticeably improved performance of the drill bit.
- ROTASTOP allows easy tool changing within seconds and longer service lives for the tools.
- Optimal torsional rigidity | Low frictional losses | High drilling performance

774 DIAMOND CORE ALLROUND



EXECUTION

- Fast feed speed thanks to segmented cutting edge
- Universally deployable thanks to laser-welded diamond segments
- Self-sharpening for high cutting performance and long service life

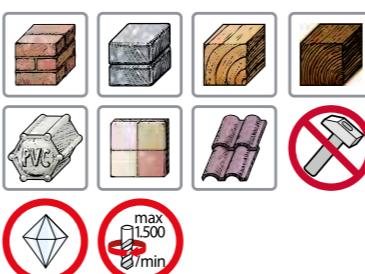
D Ø mm	D Ø "	L2 mm	L1 mm	EAN	
Diamond core allround M16 Keil standard					
5	68	65	95	10	924453 774 000 068
5	82	65	95	10	924460 774 000 082

Diamond core allround M16 complete HEXAGON Keil standard

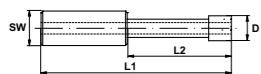
5	68	65	95	10	924477 774 712 068
Diamond core allround complete SDS-Plus Keil standard					
5,5	68	65	95	10	924491 774 713 068

5	82	65	95	10	924507 774 713 082
Diamond core allround complete SDS-Plus Keil standard					
5,5	82	65	95	10	924507 774 713 082

FOR USE IN



786 TILE DRILL BIT/KERAMIK DIAMOND - DRY DRILL



DRIVE



786 TILE DRILL BIT/ KERAMIK DIAMOND



EXECUTION

- Vacuum-soldered diamonds
- Burnished surface
- Hollow section completely filled with cooling liquid (up to Ø 15mm)

FOR USE IN



788 TILE DRILL BIT KERAMIK DIAMOND WITH INTERNAL SCREW THREAD M14



- In all rotary and percussion drilling machines
- Recommended cooling time 10 seconds
- For rotary use only
- In materials up to scratch hardness 9
- Dry drilling, no water necessary
- Long tool life with water supply

PACKAGING



[144]

ACCESSORIES FOR TILE DRILL BIT KERAMIK DIAMOND



No.		EAN	
1	1	580086	786 100 000
2	1	580093	786 100 002
3	1	580130	786 200 000
4	1	580123	786 200 001

TILE DRILL BIT KERAMIK DIAMOND - DRY DRILL

Dry drilling in hardest materials, hard stoneware tiles, porcelain, bricks, glass, marble, granite and slate.

ADVANTAGES:

- Fast drill progress
- Long tool life
- Clean cutting edge
- Dry drilling



For the complete installation of a bathroom a high number of bore holes in hard material is necessary. These materials become more and more demanding where the appropriate drilling tool is concerned. Nowadays not only plain tiles are used but hard stoneware like porcelain quality 5, marble, granite, hard ceramics as well as hardened tiles.

The Tile drill bit KERAMIK diamond is the ideal drilling tool to set safely and effectively a clean and precise hole. The advantage of these drill bits are the long durability and the speediness of the drilling process.

The drill bits are completed by professional accessories which guarantee that the drilling will be set on the exact place where it was planned. The two former plates are secure and foot-sure by the use of big vacuum suction stands. So they give the drill bit a secure hold for a precise drill.

As additional possibility besides water supply herewith Keil offers a complete system. The add-on water prolongs tool life, but is not necessary in principle.

Recommended rotation speed Tile drill bit / KERAMIK diamond 786 - dry drill

D Ø mm	min
5,0	2000
6,0	2000
8,0	1800
10,0	1600
12,0	1400
15,0	1400
20,0	1400
25,0	1400
30,0	1200
35,0	1200
68,0	800

PILOT DRILLING WITHOUT ANY FACILITIES:



130 GLASS DRILL BIT



DRIVE



D Ø mm	D Ø "	L1 mm	d Ø mm	EAN	
3,0	1/8	58	3,0	010019	130 000 030
4,0	5/32	58	3,5	010026	130 000 040
5,0	3/16	58	4,0	010033	130 000 050
5,5	7/32	58	4,0	010200	130 000 055
6,0	15/64	58	5,0	010040	130 000 060
7,0	9/32	78	5,0	010057	130 000 070
8,0	5/16	78	6,0	010064	130 000 080
9,0	11/32	98	6,0	010071	130 000 090
10,0	3/8	98	6,0	010088	130 000 100
12,0	15/32	98	8,0	010095	130 000 120

EXECUTION

- Specially ground carbide tip
- Zinc-plated surface
- Thinned cross cutting edges provide precise drilling of pilot holes

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines
- In machines for mechanical processing
- Only for rotary use
- In materials up to scratch hardness of 8

PACKAGING



[162]

Comments

- Set a low speed
- Cool sufficiently with water, turpentine, vinegar or paraffin
- Regrind frequently when drilling in hard materials

GLASS DRILL BIT

The classic drilling tool for glass machining. Drills precise and exact holes in sensitive and hard materials. The specially ground cutting edges allow a careful drilling process. The tool life can be considerably prolonged by means of regrinding. During drilling process sufficient cooling and slow rotation speed is needed.



131 GLASS DRILL BIT KEILBIT



DRIVE



D Ø mm	D Ø "	L1 mm	SW Ø mm	EAN	
3,0	1/8	75	6,35	20	010224
4,0	5/32	75	6,35	20	010231
5,0	3/16	75	6,35	20	010248
6,0	15/64	75	6,35	20	010255
8,0	5/16	85	6,35	20	010262
10,0	3/8	85	6,35	20	010279

EXECUTION

- Specially ground carbide tip
- Grey surface
- Thinned cross cutting edges provide precise drilling of pilot holes
- 1/4" bit drive DIN 3126 - E 6.3

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines
- In machines for mechanical processing
- Only for rotary use
- In materials up to scratch hardness of 8
- In all drilling machines, cordless screw drivers and bit holders with 1/4" drill shank
- SDS-plus locating shank for Bits and KEILBIT [37]
- Quick bit holder for bits and KEILBIT [72]

GLASS DRILL BIT KEILBIT

- Modern cordless screw drivers are extremely efficient and can also be used for drilling without any problems. The KEILBIT was particularly developed for quick direct application in these machines.
- Machine changing is not necessary anymore.
- For drilling other materials we offer various types of KEILBIT.

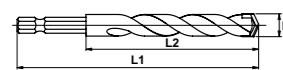
PACKAGING



Comments

- Set a low speed
- Cool sufficiently with water, turpentine, vinegar or paraffin
- Regrind frequently when drilling in hard materials

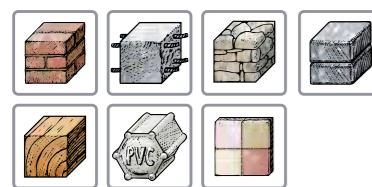
166 UNIVERSAL DRILL BIT KEILBIT

**DRIVE**

D ∅ mm	D ∅ "	L2 mm	L1 mm	SW mm		EAN	
3,0	1/8	35	75	6,35	20	220098	166 000 030
4,0	5/32	45	85	6,35	20	220012	166 000 040
5,0	3/16	50	95	6,35	20	220029	166 000 050
6,0	15/64	60	100	6,35	20	220036	166 000 060
8,0	5/16	70	120	6,35	20	220043	166 000 080
10,0	3/8	70	120	6,35	20	220050	166 000 100
12,0	15/32	85	140	6,35	10	220067	166 000 120

EXECUTION

- Asymmetric spiral shape
- Milled flute for optimum removal of drilling dust
- Straight flute entry
- High-temperature brazing at about 1.120°C
- Grey blasted surface
- Euro standard carbide tip
- 1/4" bit drive DIN 3126 - E 6.3

FOR USE IN**APPLICATION**

- In all rotary and percussion drilling machines
- In machines for mechanical processing
- Only for rotary use
- In all drilling machines, cordless screw drivers and bit holders with 1/4" drill shank
- SDS-plus locating shank for Bits and KEILBIT
- Quick bit holder for bits and KEILBIT

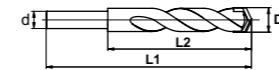
PACKAGING

[145]

UNIVERSAL BIT DRILL BIT KEILBIT

- Modern cordless screw drivers are extremely efficient and can also be used for drilling without any problems. The KEILBIT was particularly developed for quick direct application in these machines.
- Machine changing is not necessary anymore.
- For drilling other materials we offer various types of KEILBIT.

238 CONCRETE DRILL BIT MS5 TURBOHEAD XPRO

**DRIVE**

D ∅ mm	D ∅ "	L2 mm	L1 mm	d ∅ mm		EAN	
5,0	3/16	50	85	4,6	20	912689	238 000 050
6,0	15/64	60	100	5,6	20	912696	238 000 060
8,0	5/16	75	120	7,3	20	912702	238 000 080
10,0	3/8	75	120	9,4	20	912719	238 000 100
12,0	15/32	100	160	10,0	10	912726	238 000 120
14,0	9/16	100	160	10,0	10	912733	238 000 140

EXECUTION

- Hammer-resistant percussion drill bit with round shank
- ISO 5468
- MS5 spiral with strengthened core
- Made of tempered steel, shot-peened and intermediate level hardened
- TURBOHEAD Xpro with 4 cutting edges concept and centering tip
- High-temperature brazing at about 1.120°C

FOR USE IN**APPLICATION**

- In all rotating and percussion drilling machines as well as hammer drills with three jaw chuck
- For use in armed concrete
- For drilling plug holes
- Particularly suitable for fastenings

PACKAGING

[145]

CONCRETE DRILL BIT MS5 TURBOHEAD XPRO

The hammer-resistant percussion drill bit with round shank and 4 cutting edges concept:

- Precise and simple pilot drilling
- Very fast drilling progress
- Extremely long service life

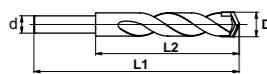
**Features:**

- Full carbide head
- Centering tip
- Better performance in armed concrete
- Drills exact round holes

MS5 spiral for ergonomic and ecological work flow:

- High drilling speed
- Fast transport of drilling dust
- High grade of stiffness and long service life
- High resistance against breakage

258 CONCRETE DRILL BIT MS5 TURBOKEIL



DRIVE



	D ø mm	D ø "	L2 mm	L1 mm	d ø mm	EAN	
	3,0	1/8	40	70	2,8	290145	258 000 030
	4,0	5/32	40	75	3,6	290015	258 000 040
	5,0	3/16	50	85	4,6	290022	258 000 050
	6,0	15/64	60	100	5,6	290039	258 000 060
	7,0	9/32	60	100	6,6	290046	258 000 070
	8,0	5/16	75	120	7,3	290053	258 000 080
	9,0	11/32	75	120	7,3	290060	258 000 090
	10,0	3/8	75	120	9,4	290077	258 000 100
	12,0	15/32	100	150	10,0	290084	258 000 120
	14,0	9/16	100	150	10,0	290091	258 000 140
	16,0	5/8	100	150	10,0	290107	258 000 160

EXECUTION



- ISO 5468
- TURBOKEIL carbide plate with centring tip
- MS5 flute
- Made of chrome-nickel-molybdenum steel, shot-peened and intermediate level hardened
- Straight flute entry
- High-temperature brazing at about 1.120°C
- Grey blasted surface

FOR USE IN



CONCRETE DRILL BIT MS5 TURBOKEIL



The hammer drill bit with round shank:

- Simple precise drilling of pilot holes
- Considerably faster drilling progress
- Significantly longer life

Features:

- Centring tip
- Patented MS5 flute (see p. 19)
- Larger cutting angle
- Strengthened carbide tip
- Harder carbide quality
- Cleaner drilling holes

MS5 spiral for ergonomic and ecological work flow:

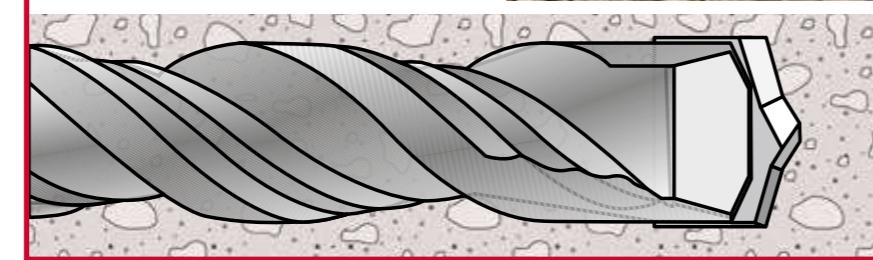
- High drilling speed
- Fast transport of drilling dust
- High grade of stiffness and long service life
- High resistance against breakage

PACKAGING

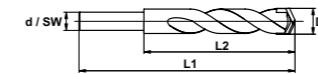


[145]

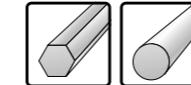
[162]



154 | 204 | 404 GRANITE DRILL BIT PRIMUS



DRIVE

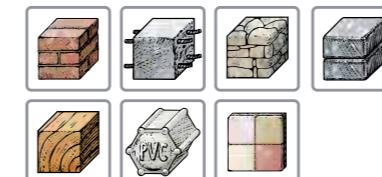


EXECUTION



- ISO 5468
- Asymmetric spiral shape
- Straight flute entry
- Milled flute for optimum removal of drilling dust
- High-temperature brazing at about 1.120°C
- Burnished and ground surface

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines as well as hammer drills with three jaw chuck
- For drilling plug holes
- Particularly suitable for fastenings

PACKAGING



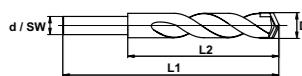
[145]

[163]

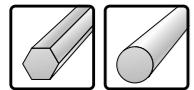
Comments

- SW = Hexagonal clamping shank with 45 mm length / wrench size

150 | 200 | 400 | 600 PERCUSSION DRILL BIT KEILER



DRIVE



D Ø mm	D Ø "	L2 mm	L1 mm	SW mm	d Ø mm	EAN	
3,0	1/8	40	70	2,8	20	200014	150 000 030
3,5	9/64	40	70	3,2	20	200021	150 000 035
4,0	5/32	40	75	3,6	20	200038	150 000 040
4,5	11/64	50	85	4,1	20	200045	150 000 045
5,0	3/16	50	85	4,6	20	200052	150 000 050
5,0	3/16	110	150	4,6	10	203015	200 000 050
5,5	7/32	50	85	5,1	20	200069	150 000 055
6,0	15/64	60	100	5,6	20	200076	150 000 060
6,0	15/64	110	150	5,6	10	203039	200 000 060
6,0	15/64	135	200	5,6	10	203138	200 060 200
6,0	15/64	350	400	5,6	1	180019	400 000 060
6,5	1/4	60	100	6,1	20	200083	150 000 065
6,5	1/4	110	150	6,1	10	203046	200 000 065
7,0	9/32	60	100	6,6	20	200090	150 000 070
7,0	9/32	110	150	6,6	10	203053	200 000 070
8,0	5/16	80	120	7,1	20	200106	150 000 080
8,0	5/16	135	200	7,3	10	203060	200 000 080
8,0	5/16	350	400	7,3	1	180033	400 000 080
8,0	5/16	550	600	7,3	1	180170	600 000 080
8,5	21/64	80	120	7,1	20	200113	150 000 085
9,0	11/32	80	120	8,1	20	200120	150 000 090
10,0	3/8	80	120	8,7	20	200137	150 000 100
10,0	3/8	135	200	8,7	10	203077	200 000 100
10,0	3/8	350	400	9,3	1	180040	400 000 100
10,0	3/8	550	600	9,3	1	180187	600 000 100
11,0	7/16	90	150	10,0	10	200144	150 000 110
12,0	15/32	90	150	10,0	10	200151	150 000 120
12,0	15/32	135	200	10,0	10	203084	200 000 120
12,0	15/32	350	400	10,00	1	180057	400 000 120
12,0	15/32	550	600	10,00	1	180194	600 000 120
13,0	1/2	90	150	10,0	10	200168	150 000 130
14,0	9/16	90	150	10,0	10	200175	150 000 140
14,0	9/16	135	200	10,0	10	203091	200 000 140
14,0	9/16	350	400	10,00	1	180071	400 000 140
14,0	9/16	550	600	10,00	1	180200	600 000 140
15,0	19/32	90	150	10,0	10	200182	150 000 150
16,0	5/8	90	150	10,0	10	200199	150 000 160
16,0	5/8	135	200	10,0	10	203107	200 000 160
16,0	5/8	350	400	10,00	1	180088	400 000 160
16,0	5/8	550	600	10,00	1	180217	600 000 160
18,0	11/16	100	160	10,0	5	200205	150 000 180
18,0	11/16	350	400	10,00	1	180095	400 000 180
18,0	11/16	550	600	10,00	1	180224	600 000 180
20,0	3/4	100	160	13,0	5	200212	150 000 200
20,0	3/4	350	400	12,00	1	180101	400 000 200
20,0	3/4	550	600	12,00	1	180231	600 000 200

EXECUTION



- ISO 5468
- Asymmetric spiral shape
- Straight flute entry
- Milled flute for optimum removal of drilling dust
- High-temperature brazing at about 1,120°C
- Grey blasted surface
- Euro standard carbide tip

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines
- For drilling plug holes
- Particularly suitable for fastenings

PACKAGING



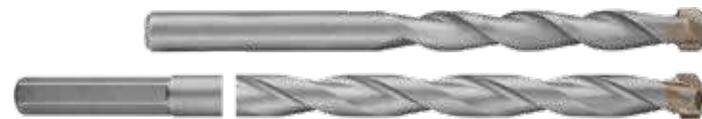
[145]

[163]

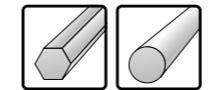
Comments

- SW = Hexagonal clamping shank with 45 mm length / wrench size

150 | 200 | 400 | 600 PERCUSSION DRILL BIT KEILER



DRIVE



D Ø mm	D Ø "	L2 mm	L1 mm	SW mm	d Ø mm	EAN	
22,0	7/8	100	160	13,0	5	200229	150 000 220
22,0	7/8	350	400	12,00	1	180118	400 000 220
22,0	7/8	550	600	12,00	1	180248	600 000 220
25,0	1	100	160	13,0	5	200236	150 000 250
25,0	1	350	400	12,00	1	180125	400 000 250
25,0	1	550	600	12,00	1	180255	600 000 250

EXECUTION



- ISO 5468
- Asymmetric spiral shape
- Straight flute entry
- Milled flute for optimum removal of drilling dust
- High-temperature brazing at about 1,120°C
- Grey blasted surface
- Euro standard carbide tip

FOR USE IN



APPLICATION

- In all rotary and percussion drilling machines
- For drilling plug holes
- Particularly suitable for fastenings

PACKAGING



[145]

[163]

Comments

- SW = Hexagonal clamping shank with 45 mm length / wrench size

PERCUSSION DRILL BIT KEILER

The percussion drill bit KEILER differs from other stone or percussion drill bits because it is manufactured from high quality chrome-nickel-molybdenum steel. It has a wear resistant carbide plate which is fixed with the drill bit body by high-temperature brazing at 1,120°C.

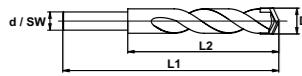
Furthermore all KEILER drill bits have a straight flute exit and a reinforced drill bit head as well as the approved S-flute shape which provides with its milled helix an optimum removal of drilling dust and clean holes.



Semicircular or oval flute shape of the drill bit helix

Keil asymmetric S-flute shape of the drill bit helix

190 | 290 MASONRY DRILL BIT OPAL



DRIVE



D ø mm	D ø "	L2 mm	L1 mm	d ø mm	EAN	
4016707						
3,0	1/8	40	70	2,8	20	170195 190 000 030
3,5	9/64	40	70	3,2	20	170171 190 000 035
4,0	5/32	40	75	3,2	20	170010 190 000 040
5,0	3/16	50	85	3,8	20	170027 190 000 050
5,0	3/16	110	150	3,8	10	172083 290 000 050
5,5	7/32	50	85	4,4	20	170034 190 000 055
6,0	15/64	60	100	4,7	20	170041 190 000 060
6,0	15/64	110	150	4,7	10	172014 290 000 060
7,0	9/32	60	100	5,4	20	170065 190 000 070
7,0	9/32	110	150	5,4	10	172106 290 000 070
8,0	5/16	80	120	6,4	20	170072 190 000 080
8,0	5/16	135	200	6,4	10	172038 290 000 080
9,0	11/32	80	120	7,1	20	170089 190 000 090
10,0	3/8	80	120	7,8	20	170096 190 000 100
10,0	3/8	135	200	7,8	10	172045 290 000 100
11,0	7/16	90	150	8,5	10	170102 190 000 110
12,0	15/32	90	150	8,5	10	170119 190 000 120
12,0	15/32	135	200	8,5	10	172052 290 000 120
13,0	1/2	90	150	10,0	10	170126 190 000 130
14,0	9/16	90	150	10,0	10	170133 190 000 140
14,0	9/16	135	200	10,0	10	172069 290 000 140
16,0	5/8	90	150	10,0	10	170140 190 000 160
16,0	5/8	135	200	10,0	10	172076 290 000 160
20,0	3/4	100	160	13,0	5	170157 190 000 200

EXECUTION

- ISO 5468
- Non-cutting flute
- High-temperature brazing
- Zinc-plated surface
- Euro standard carbide tip

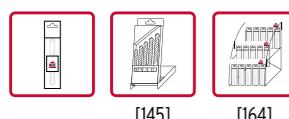
FOR USE IN



APPLICATION

- In allen Dreh- und Schlagbohrmaschinen

PACKAGING



[145]

[164]

MASONRY DRILL BIT OPAL

- Non-cutting shaped drilling spiral also applicable for the rotary use in concrete
- Made of quenched and subsequently drawn steel according to DIN / EN 10083/2
- The hardness respectively the material consistence is adjusted to the application and the different shank diameter. This is the reason why it is best for the use in all rotary and percussion drilling machines
- Very long tool life

715 UNIVERSAL HOLLOW CORE



DRIVE



D ø mm			EAN	
4016707				
33,0	3	1	250026	715 000 033
53,0	2	1	250033	715 000 053
67,0	1	1	250040	715 000 067
73,0	1,2	1	250057	715 000 073
83,0	2	1	250064	715 000 083

EXECUTION

- Tungsten-carbide coated

FOR USE IN



APPLICATION

- Only for rotary use
- Bayonet lock

LOCATING PLATE FOR UNIVERSAL HOLLOW CORE

EAN		
4016707		
1	250071	715 000 090



PACKAGING



[144]

CENTRE DRILL BIT FOR UNIVERSAL HOLLOW CORE

D ø mm			EAN	
4016707				
9,0	11/32	140	1	250095 715 090 140



Comments

- 3 = Conduits
- 2 = Holes for pipes
- 1 = Sockets

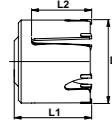
UNIVERSAL HOLLOW CORE

- The cutting edges of all universal hollow cores are tungsten carbide coated. These carbide cutters which are attached with a high-temperature process ensure economic drilling in materials such as masonry, tiles, brick, breeze block and plasterboard.
- The fast replacement of hollow cores due to the simple bayonet lock and the light-weight design make things easy for the user.
- Can be used for sockets, holes for pipes, junction lines, conduits etc.

Safety Notes:

- Maximum speed in manual drilling machines 1,500 rpm
- Goggles must be worn

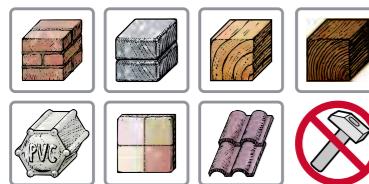
719 UNIVERSAL HOLE SAW M16 GOLDCRAFT



EXECUTION

- With internal M 16 thread
- Grey blasted and rust protected
- 3 carbide cutters up to 55 mm Ø
- 5 carbide cutters up to 90 mm Ø
- 6 carbide cutters up to 105 mm Ø

FOR USE IN



APPLICATION

- Locating shank M16 for SDS-plus [71]
- Locating shank M16 hexagon [70]
- Centre drill bit GOLDCRAFT for locating shank M16 [67]

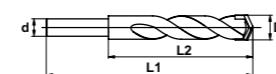
PACKAGING



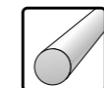
Comments

- Other dimensions on request
- 1 = Sanitary and heating pipes
- 2 = Junction boxes
- 3 = Halogen spot lamps
- 4 = Sanitary waste pipes
- 5 = Water and heating pipes with insulation
- 6 = Recessed lights
- 7 = Case bushings
- 8 = Switch sockets
- 9 = Cavity wall sockets
- 10 = Cavity wall junction boxes
- 11 = Junction boxes
- 12 = Bushing covers
- 13 = Vent pipes

719 CENTRE DRILL BIT GOLDCRAFT FOR LOCATING SHANK M16



DRIVE



D Ø mm	L2 mm	L1 mm		EAN 4016707...	
8,0	70	120	1	240003	719 080 120

FOR USE IN

- Universal hole saw M16 GOLDCRAFT [66]

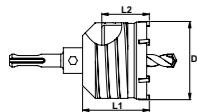
PACKAGING



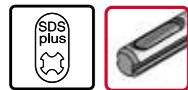
UNIVERSAL HOLE SAW M16 GOLDCRAFT



711 HOLLOW CORE M16 ASSEMBLY, SDS-PLUS



DRIVE

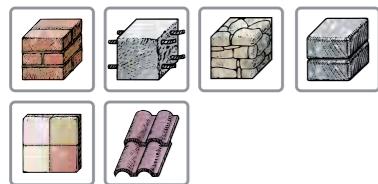


D ∅ mm	D ∅ "	L2 mm	L1 mm		EAN	
50,0	1 3/32	60	80	1	160165	711 713 050
65,0	2 9/16	52	72	1	160172	711 713 065
68,0	2 11/16	52	72	1	160219	711 713 068
80,0	3 5/32	60	80	1	160189	711 713 080

EXECUTION

- SDS-plus holder, short
- With Centre drill bit
- With internal M 16 thread
- 6 carbide cutters
- Burnished and hardened
- Made of high tempered steel with extra thick wall from 65 mm Ø without cross-bore

FOR USE IN



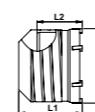
APPLICATION

- Locating shank M16 hexagon [70]
- Locating shank M16 for SDS-plus [71]
- Centre drill bit for locating shank M16 M16 [71]
- Locating shank M16 SDS-plus TURBOKEIL complete [72]

PACKAGING



710 HOLLOW CORE M16



EXECUTION

- With internal M 16 thread
- 4 carbide cutters for 25 mm Ø
- 6 carbide cutters for 30 - 80 mm diameter
- 8 carbide cutters from 90 mm diameter
- Burnished and hardened
- Made of high tempered steel with extra thick wall from 65 mm Ø without cross-bore

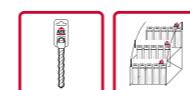
FOR USE IN



APPLICATION

- Locating shank M16 hexagon [70]
- Locating shank M16 for SDS-plus [71]
- Centre drill bit for locating shank M16 M16 [71]
- Locating shank M16 SDS-plus TURBOKEIL complete [72]

PACKAGING

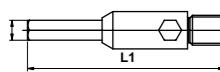


[164]



D ∅ mm	D ∅ "	L2 mm	L1 mm		EAN	
25,0	1	60	80	1	160011	710 000 025
30,0	1 3/16	60	80	1	160028	710 000 030
35,0	1 1/8	60	80	1	160042	710 000 035
40,0	1 1/16	60	80	1	160059	710 000 040
45,0	1 1/4	60	80	1	160066	710 000 045
50,0	1 3/32	60	80	1	160073	710 000 050
55,0	2 3/16	52	72	1	160271	711 000 055
60,0	2 3/8	52	72	1	160158	711 000 060
65,0	2 9/16	52	72	1	160103	711 000 065
68,0	2 11/16	52	72	1	160134	711 000 068
80,0	3 5/32	60	80	1	160110	711 000 080
90,0	3 17/32	60	80	1	160127	711 000 090
100,0	3 15/16	60	80	1	160196	711 000 100

712 LOCATING SHANK M16 HEXAGON



DRIVE



	L1 mm	SW mm		EAN	
100	11,00	1	160202	712 080 120	712345
200	11,00	1	160226	712 200 120	
350	11,00	1	160240	712 350 120	

EXECUTION

- With external M16 thread
- With hexagonal drive

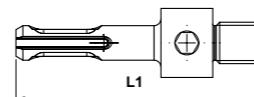
APPLICATION

- In all rotary and percussion drilling machines
- Hollow core M16 [69]
- Centre drill bit for locating shank M16 [71]
- Universal hole saw M16 GOLDCRAFT [66]
- Centre drill bit GOLDCRAFT for locating shank M16 [67]

PACKAGING



713 LOCATING SHANK M16 SDS-PLUS



DRIVE



	L1 mm		EAN	
105	11,00	1	160301	713 080 120
200	11,00	1	160332	713 200 120
350	11,00	1	160325	713 300 120

EXECUTION

- With external M16 thread
- With SDS-plus drive on machine side

APPLICATION

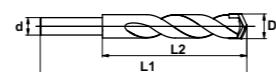
- In all hammer drilling machines with SDSplus and HILTI TE-C locking
- Hollow core M16 [69]
- Centre drill bit for locating shank M16 [71]
- Universal hole saw M16 GOLDCRAFT [66]
- Centre drill bit GOLDCRAFT for locating shank M16 [67]

PACKAGING



[164]

715 CENTRE DRILL BIT FOR LOCATING SHANK M16



DRIVE



D mm	D "	L2 mm	L1 mm		EAN	
8,0	5/16	72	120	1	916168	715 080 120

APPLICATION

- Hollow core M16 [69]

PACKAGING

