



**CLEAN WORK AND
OUTSTANDING RESULTS**
with the TYROLIT dry drilling system

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

The TYROLIT Group

TYROLIT is one of the world's leading manufacturers of grinding and dressing tools as well as a system provider for the construction industry.

Since 1919, our innovative tools have made an important contribution to the technological development in many industries. TYROLIT offers tailored grinding solutions for various applications, as well as a comprehensive assortment of standard tools for customers all over the world.

Headquartered in Schwaz (Austria), the family-owned business combines the strengths of being a part of the dynamic Swarovski Group with a century's worth of individual corporate and technological experience.



TYROLIT headquarters in Schwaz (Austria)

Facts & Figures



80.000
products



29
production sites



4.400+
employees worldwide



36
sales locations



500+
worldwide patents

Sales companies in Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Czechia, Denmark, Estonia, Finland, France, Germany, Hungary, India, Indonesia, Italy, the Netherlands, Norway, Poland, Portugal, Russia, South Africa, South Korea, Spain, Sweden, Switzerland, Thailand, the UAE, the UK and the USA. Distributors in 65 other countries.

Quality lines

TYROLIT has been one of the leading manufacturers of tools for every professional and application for over 100 years.

To make your search for the ideal tool easier, we have divided our range into three performance levels. This enables us to offer the perfect solution for every application!



Maximum performance and highest lifetime for professional use.



Exceptional working comfort and efficiency for experienced use.



Quality tools for ideal working results in everyday use.



The TYROLIT Dry Drilling System

Decades of experience in the production and application of core drill bits and core drill systems give TYROLIT the edge in the marketplace. Our expertise from special projects, such as the safe decommissioning of nuclear

power stations, is put to use in the development of our dry drilling product range. The TYROLIT dry drilling system is the first commercial system on the market that ensures easy and cost efficient drilling in reinforced

concrete. Clean work and excellent results in reinforced and unreinforced concrete guaranteed. TYROLIT core drill bits are designed to work perfectly with TYROLIT Hydrostress machines.



Drill motor DME19DP

- + Switchable soft impact function and 1 ¼" and ½" connection
- + Soft start system and LED monitoring display for optimum drilling speed
- + Centring aid for precise drill bit guidance



Drill rig DRU160

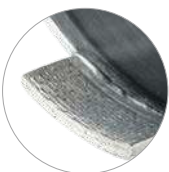
(special design for dry drilling)

- + Vacuum fixing for smooth floorings
- + Lightweight drill rig for diameters up to 160 mm
- + Clamping collar system for quick mounting
- + Centre indicator, angle indicator and spirit level



TYROLIT dry drill bits in TGD® Technology

- + Durable, laser-welded segments
- + Ideal for drilling reinforced concrete
- + Large choice of usable lengths and diameters
- + Short lengths for hand-guided drilling



TGD® dry drill bits reliably drill reinforced concrete without deformation.



Selecting the right dry drill bit

Diameter	≤ 82 mm	≥ 91 mm
approx. rpm [rpm]	2000 - 3000	1000 - 1500
Porous concrete (aerated concrete) Plastic piping (PVC, PP, PE) Lightweight refractory bricks Sandstone, porous natural stone Tiles Roofing tiles Clinkers Fine stoneware	without impact drilling	
Soft sand-lime blocks Bricks Lightweight concrete blocks Woodchip slabs and blocks Fireclay bricks	Impact drilling recommended (no hammer drills!)	
Hard sand-lime blocks Terrazzo Concrete Lightly reinforced concrete Concrete blocks	Impact drilling necessary (no hammer drills!)	

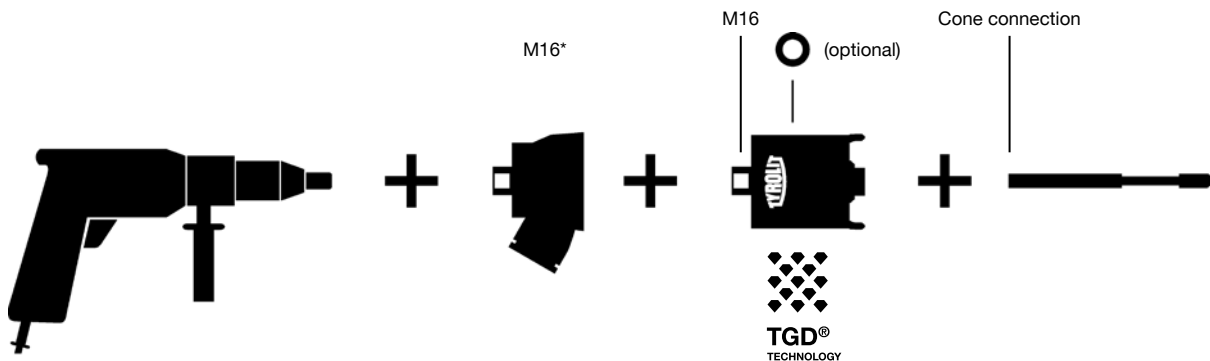
Service

- + From a diameter of 82 mm onwards an additional distance washer is included for optional use of a vacuum-suction hood

Information / Recommendations

- + For use with drilling motors within the range of 1 000 – 2 000 W with or without soft impact
- + Do not use rotary hammer drills as it will destroy the tool
- + Follow the safety and user instructions packed with the tool
- + On request these safety instructions may also be sent separately

Dry drilling with compact universal dust extraction system



*Adapter suitable for all common machines (5/8", HEX SW12, SDS, M18) see page 12.



NEW

AVAILABLE FROM MARCH 2022

DDL-HH-FAST CUT Dry drill bits

for lightly reinforced concrete & masonry | in TGD®-Technology

+ **Consistently very fast cutting performance and noticeable smooth running** with TGD® Technology (TYROLIT GRAIN DISTRIBUTION), a unique technology developed by TYROLIT for the optimised distribution of grain.



+ **Optimum dust extraction**

+ **Working length of 320 mm**

+ **Clear weight saving**

The fastest, longest and lightest TYROLIT dry drill bit for hand-guided applications. The thread form of the steel tubes enables easy removal of the drilling dust via the

extraction system. Spiral grooves ensure a noticeable weight reduction. Furthermore, the dry drill bits are specially adapted to core drilling with soft-impact function and therefore


in combination with the TYROLIT DME19DP drill motor the perfect solution for hand-guided dry drilling applications.



DDL-HH-FAST CUT Dry drill bits

for lightly reinforced concrete & masonry | in TGD®-Technology




	Type no.	Dimension	Segment height
	HOHLTR		
	34583850	47 x 320 x 1¼"	11.3
	34583851	52 x 320 x 1¼"	11.3
	34583853	62 x 320 x 1¼"	11.3
	34583854	68 x 320 x 1¼"	11.3
	34583855	72 x 320 x 1¼"	11.3
	34583857	82 x 320 x 1¼"	11.3
	34583858	92 x 320 x 1¼"	11.3
	34583616	102 x 320 x 1¼"	11.3
	34585037	107 x 320 x 1¼"	11.3
	34583825	112 x 320 x 1¼"	11.3
	34583827	122 x 320 x 1¼"	11.3
	34583829	127 x 320 x 1¼"	11.3
	34583830	132 x 320 x 1¼"	11.3
	34583842	138 x 320 x 1¼"	11.3



DDL-HH-FAST CUT Dry drill bits
for lightly reinforced concrete & masonry | in TGD®-Technology



		Type no.	Dimension	Segment height
	HOHLTR	34583843	142 × 320 × 1¼"	11.3
		34583844	152 × 320 × 1¼"	11.3
		34583845	162 × 320 × 1¼"	11.3
		34583846	172 × 320 × 1¼"	11.3
		34583847	182 × 320 × 1¼"	11.3
		34585040	187 × 320 × 1¼"	11.3
		34583849	202 × 320 × 1¼"	11.3

AVAILABLE
FROM MARCH 2022




DDM-HH-FAST CUT Dry drill bits
for lightly reinforced concrete & masonry with
abrasive aggregates | in TGD®-Technology



The fastest, longest and lightest TYROLIT dry drill bit for hand-guided applications. The thread form of the steel tubes enables easy removal of the drilling dust via the extraction system. Spiral grooves ensure a noticeable weight reduction. Furthermore, the dry drill bits are specially adapted to

core drilling with soft-impact function and therefore in combination with the TYROLIT DME19DP drill motor the ideal solution for hand-guided dry drilling applications with longer life time than the DDL-HH-FAST CUT.

		Type no.	Dimension	Segment height
	HOHLTR	34583859	47 × 320 × 1¼"	11.3
		34583860	52 × 320 × 1¼"	11.3
		34583862	62 × 320 × 1¼"	11.3
		34583863	68 × 320 × 1¼"	11.3
		34583864	72 × 320 × 1¼"	11.3
		34583866	82 × 320 × 1¼"	11.3
		34583867	92 × 320 × 1¼"	11.3
		34583869	102 × 320 × 1¼"	11.3
		34583861	107 × 320 × 1¼"	11.3
		34583881	112 × 320 × 1¼"	11.3
		34583883	122 × 320 × 1¼"	11.3
		34583885	127 × 320 × 1¼"	11.3
		34583886	132 × 320 × 1¼"	11.3
		34583888	138 × 320 × 1¼"	11.3
		34583889	142 × 320 × 1¼"	11.3
		34583891	152 × 320 × 1¼"	11.3
		34583892	162 × 320 × 1¼"	11.3
		34583894	172 × 320 × 1¼"	11.3
		34583895	182 × 320 × 1¼"	11.3
		34585039	187 × 320 × 1¼"	11.3
34583897	202 × 320 × 1¼"	11.3		

★★★
PREMIUM
DDL-HH Dry drill bits
 for lightly reinforced concrete & masonry | in TGD®-Technology

The PREMIUM dry drill bit for hand-guided drilling inspires in solid design with the ideal working length of 280 mm and unique segments for the highest safety requirements.

With TGD®-Technology (TYROLIT GRAIN DISTRIBUTION), a unique technology developed by TYROLIT for the optimised distribution of grain.

	Type no.	Dimension	Segment height
	HOHLT		
	34482398	52 × 280 × 1¼"	8.5
	34482399	62 × 280 × 1¼"	8.5
	34482400	68 × 280 × 1¼"	8.5
	34482411	72 × 280 × 1¼"	8.5
	34482412	82 × 280 × 1¼"	8.5
	34482413	92 × 280 × 1¼"	8.5
	34482414	102 × 280 × 1¼"	8.5
	34482415	107 × 280 × 1¼"	8.5
	34482416	112 × 280 × 1¼"	8.5
	34482417	122 × 280 × 1¼"	8.5
	34482418	127 × 280 × 1¼"	8.5
	34482419	132 × 280 × 1¼"	8.5
	34482420	138 × 280 × 1¼"	8.5
	34482431	142 × 280 × 1¼"	8.5
	34482433	152 × 280 × 1¼"	8.5
	34482438	161 × 280 × 1¼"	8.5
	34482439	172 × 280 × 1¼"	8.5
	34482440	182 × 280 × 1¼"	8.5
	34482441	187 × 280 × 1¼"	8.5
34482442	202 × 280 × 1¼"	8.5	

★★★
PREMIUM
DDL-RM Dry drill bits
 for reinforced concrete | in TGD®-Technology

The PREMIUM dry drill bit is the perfect solution for rig mounted dry drilling applications in reinforced concrete. With TGD®-Technology (TYROLIT

GRAIN DISTRIBUTION), a unique technology developed by TYROLIT for the optimised distribution of grain.

	Type no.	Dimension	Segment height
	HOHLT		
	34227784	47 × 450 × 1¼"	11.3
	34203041	52 × 450 × 1¼"	11.3
	34203212	57 × 450 × 1¼"	11.3
	34220540	62 × 450 × 1¼"	11.3
	34252978	72 × 450 × 1¼"	11.3
	34210273	82 × 450 × 1¼"	11.3
	34290041	92 × 450 × 1¼"	11.3
	34203220	102 × 450 × 1¼"	11.3
	34279921	107 × 450 × 1¼"	11.3
	34267610	112 × 450 × 1¼"	11.3
	34220543	122 × 450 × 1¼"	11.3
	34227727	132 × 450 × 1¼"	11.3
	34227728*	142 × 450 × 1¼"	11.3
	34227729*	152 × 450 × 1¼"	11.3
	34227730*	162 × 450 × 1¼"	11.3


DDL-RM larger than Ø 162 mm on request

*reinforced concrete is conditionally recommended

★★★
PREMIUM
DDL Dry drill bits
 for lightly reinforced concrete & masonry | in TGD®-Technology


The newly developed PREMIUM dry drill bit for hand-guided drilling impresses in many respects. With TGD®-Technology (TYROLIT GRAIN


DISTRIBUTION), a unique technology developed by TYROLIT for the optimised distribution of grain.

		Type no.	Dimension	Segment height
	HOHLT	34418318	52 × 150 × M16	8.5
		34418319	57 × 150 × M16	8.5
		34418373	62 × 150 × M16	8.5
		34418379	68 × 150 × M16	8.5
		34418382	72 × 150 × M16	8.5
		34418317	82 × 150 × M16	8.5
		34209085	92 × 150 × M16	8.5
		34418385	102 × 150 × M16	8.5
		34418390	107 × 150 × M16	8.5
		34418402	112 × 150 × M16	8.5
		34418403	117 × 150 × M16	8.5
		34418544	122 × 150 × M16	8.5
		34418565	127 × 150 × M16	8.5
		34418549	132 × 150 × M16	8.5
		34418561	142 × 150 × M16	8.5
		34418563	152 × 150 × M16	8.5
34418564	162 × 150 × M16	8.5		

★★★
PREMIUM
DDE Dry drill bits
 for lightly reinforced concrete & masonry | in TGD®-Technology

Perfect tool for installing sockets and junction boxes as well as smaller breakthrough jobs.

		Type no.	Dimension	Segment height
	HOHLT	34201286	68 × 70 × M16	11.3
		34201288	82 × 70 × M16	11.3




The DDE dry drill bit in use.
Scan the QR code and be amazed.



DDL Dry drill bits
for lightly reinforced concrete & masonry



Quality tool for daily use, impressive performance and lifetime.


		Type no.	Dimension	Segment height
	HOHLT	899272	32 × 150 × M16	6.5
		899271	42 × 150 × M16	6.5
		252911	52 × 150 × M16	6.5
		252912	56 × 150 × M16	6.5
		252913	62 × 150 × M16	6.5
		252914	68 × 150 × M16	6.5
		252915	72 × 150 × M16	6.5
		252916	82 × 150 × M16	6.5
		252917	92 × 150 × M16	6.5
		252918	102 × 150 × M16	6.5
		252919	107 × 150 × M16	6.5
		34228775	111 × 150 × M16	6.5
		252920	117 × 150 × M16	6.5
		34228776	121 × 150 × M16	6.5
		252921	127 × 150 × M16	6.5
		34228777	131 × 150 × M16	6.5
		34228779	151 × 150 × M16	6.5
		252922	152 × 150 × M16	6.5
		252923	162 × 150 × M16	6.5
		252924	200 × 150 × M16	6.5



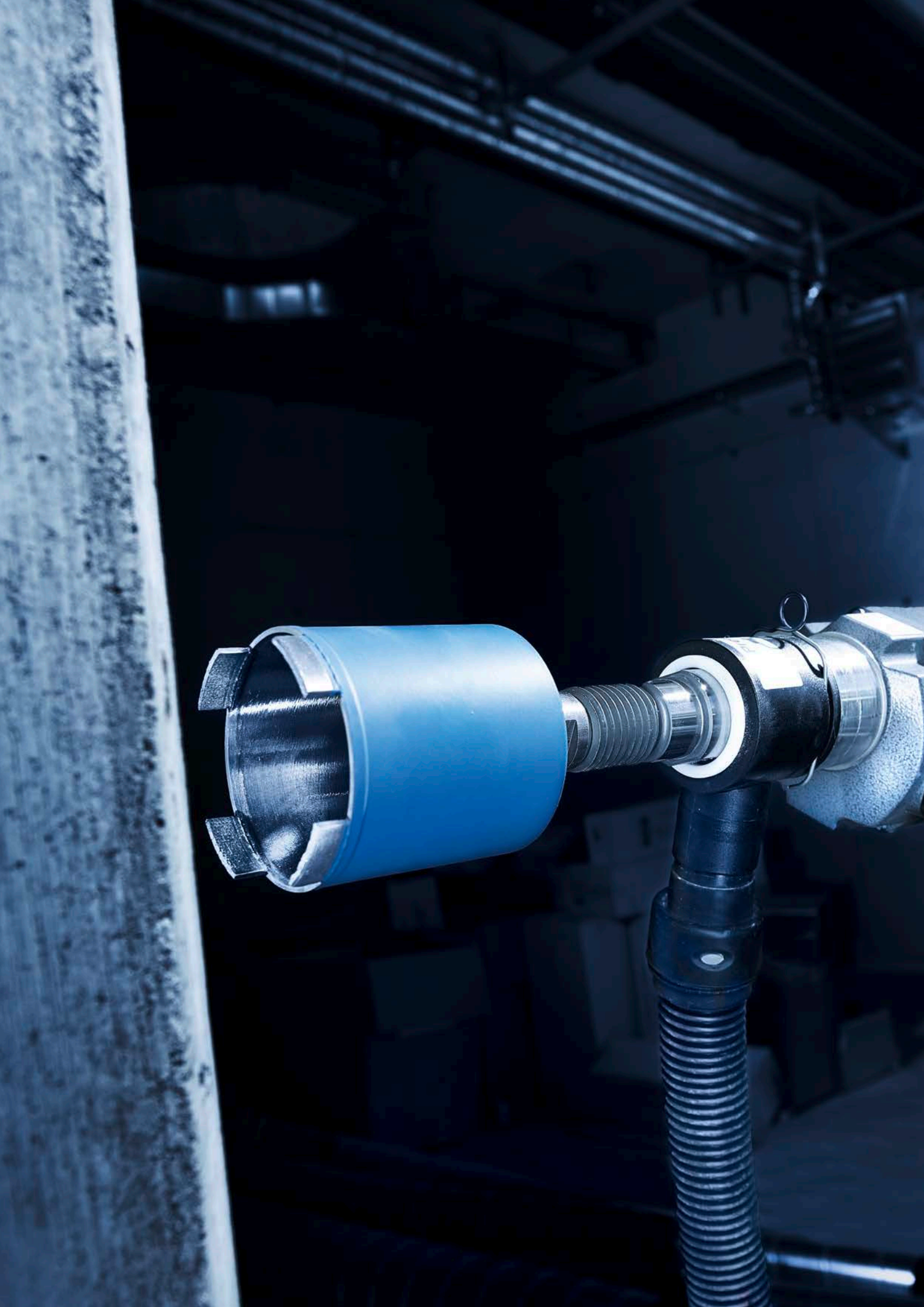
DDL Dry drill bits
for lightly reinforced concrete & masonry



Tool for installing sockets and junction boxes as well as smaller breakthrough jobs.

		Type no.	Dimension	Segment height
	HOHLT	650292	68 × 70 × M16	6.5
		34445860	72 × 70 × M16	6.5
		650293	82 × 70 × M16	6.5









NEW



Accessories




Adapter suitable for all commercial machines - with and without soft impact function



	Type no.	Machine connection	Drill bit connection	Total length/Pilot drills/ Centering spikes	Comment
	850026	5/8"	M16 Male	Length 100 mm Pilot drill SDS	
	762477	5/8" M16	M16 Male	Length 85 mm Pilot drill SDS	
	850011	HEX SW12-SDS	M16 Male	Length 115 mm Pilot drill SDS	
	762471	HEX SW12-SDS	M16 Male	Length 120 mm Pilot drill SDS	
	116264	HEX SW12	M16 Male	Length 90 mm Pilot drill Konus	
	707824	5/8"	M16 Male	Length 75 mm Centering spike 120/233 mm	
	707827	HEX SW12	M16 Male	Length 100 mm Centering spike 120/233 mm	
	707831	SDS	M16 Male	Length 100 mm Centering spike 120/233 mm	
	707834	M18	M16 Male	Length 75 mm Centering spike 120/233 mm	
	718330	5/8"	M16 Male	Length 300 mm	Extension
	718329	5/8"	M16 Male	Length 450 mm	Extension
	718324	HEX SW12	M16 Male	Length 300 mm	Extension

Compact universal dust extraction system



	Type no.	Description	Product info
	10983964	Dust extraction adapter with M16 connection	For attaching an industrial vacuum cleaner
	10983845	Centering spike 140 mm	Core drill UL 60/70 mm only for 10983964
	10986189	Centering spike 233 mm	DME19 Core drill UL 150 mm



Centring aids




	Type no.	Description	Product info	Comment
	10999819	Centering spike 120 mm	Core drill UL 60/70 mm	
	10986189	Centering spike 233 mm	DME19 Core drill UL 150 mm	
	10997916	Centering spike	DME19 Core drill UL 250 mm	Centering insert
	10995373	Centering spike	DME19 Core drill UL 450 mm	Centering insert
	10985334	Centering spike	DME17 Core drill UL 250-350 mm	
	10984446	Centering spike	DME17 Core drill UL 450 mm	
	579420	Pilot drill SDS 160 mm	Core drill UL 60/70 mm	
	579424	Pilot drill SDS 260 mm	Core drill UL 150 mm	
	116263	Pilot drill Konus 160 mm only for adapter 116264	Core drill UL 60/70 mm	
	34196387	Pilot drill 7 x 100 mm		
	579503	Centering shaft SDS 250 mm	Core drill UL 150 mm	
	762456	Pilot drill 8 x 230 x SDS-PLUS		
	10996327	Centering spike	DME20 Core drill UL 250-300 mm	
	10996328	Centering spike	DME20 Core drill UL 400-450 mm	

UL = usage length


Centring blade



	Type no.	Description	Product info
	11002083	Centering insert	Ø 172 mm
	11002084	Centering insert	Ø 182 mm
	11002085	Centering insert	Ø 192 mm
	11002086	Centering insert	Ø 202 mm
	11002087	Centering insert	Ø 252 mm


Abrasive grain



	Type no.	Description	Product info
	34215616	Drilling Booster	Loose abrasive grain for sharpening during the application.

Sharpening plate



	Type no.	Dimension
	497322	55 × 25 × 320
	484627	160 × 30 × 320
	484672	320 × 55 × 320



Drill motor DME19DP

Core drilling up to Ø 162 mm



System solution for dry drilling reinforced concrete



Activatable/deactivatable soft impact function accelerates work progress



Electronics for soft start and LED indicator for optimum drilling performance

The DME19DP in conjunction with TYROLIT TGD® dry drill bits is the solution for dry drilling applications in reinforced concrete. The practical centring aid ensures precise drill bit guidance and a longer diamond

tool lifetime. Switchable soft impact function accelerates work progress, particularly in hard materials. The soft start and the LED indicator aid the user in selecting the optimal drilling speed.

System & Accessories

Technical data

Drill motor DME19DP	
Voltage / Frequency	230 V / 50 Hz 110 V / 60 Hz
Type no.	10988200 10988700
Drill diameter range	52–162 mm
Max. drill diameter in reinforced concrete	122 mm
Nominal power	1.8 kW
Speed	1 150 rpm
Impact frequency	28 000/min
Motor cooling	Air
Tool attachment	1 ¼" and R ½"
Operation	Hand-held / rig-based
Application	Dry
Electronic overload cut-out	•
Mechanical overload cut-out	•
Drill rig attachment	Clamping collar 60 mm

Dimensions & Weight

Length	510 mm
Width	95 mm
Height	170 mm
Weight	5.2 kg

Accessories

976014	Vacuum set
10999500	VPE600 Vacuum pump 230V EU/CH
975381	Vacuum hose 3 m complete

System & Accessories

Drill motor DME19DP	
10990100	Dry drill rig DRU160
10995437	Centering device for DRU160
10995156	Core stop ½"
10995087	ModulDrill™ clamping collar plate
11002426	Vacuum cleaner BBS 606 L

Accessories

10997916	Centering spike 250 mm
10995373	Centering spike 450 mm
10995661	Centering insert Ø 52 mm
10995662	Centering insert Ø 62 mm
10995663	Centering insert Ø 68 mm
10995664	Centering insert Ø 72 mm
10995665	Centering insert Ø 82 mm
10995666	Centering insert Ø 92 mm
10995667	Centering insert Ø 102 mm
10995668	Centering insert Ø 112 mm
10995669	Centering insert Ø 122 mm
10995670	Centering insert Ø 127 mm
10995671	Centering insert Ø 132 mm
10995672	Centering insert Ø 142 mm
10995673	Centering insert Ø 152 mm
10995674	Centering insert Ø 162 mm
961955	Adaptor ½" > M16
10994032	Adaptor 1 ¼" > M16
10983964	Dust vacuum adaptor M16
10983845	Centering spike 140 mm
10986189	Centering spike 233 mm
497322	Sharpening plate
980304	Chisel 300 x 25 mm
34215616	Abrasive grain for dry drilling



Drill motor DME17DP

Core drilling up to Ø 200 mm



2-speed transmission with switchable soft impact for optimal drilling performance



Integrated dust extraction for a clean working environment



Can be hand-held or drill-rig guided

The DME17 is a 2-speed dry drill motor for drilling diameters up to 200 mm. The powerful 2.0 kW motor, in combination with the switchable soft impact, enhances the drilling performance in reinforced concrete and in other hard materials. The machine can be both hand-held and drill-rig operated. The compact

design, low weight and integrated dust extraction system makes the core drill very user-friendly. This model is unique in that it is available in three speed versions (standard, slow and quick) and thus optimally covers the most varied of customer needs.

System & Accessories

Technical data

Drill motor	DME17DP	DME17DP-L	DME17DP-S
Nominal voltage/frequency		230 V/50-60 Hz	
Type no.	11000001	11000002	11000003
Drill diameter range	30-180 mm	40-200 mm	30-120 mm
Max. drill diameter in reinforced concrete	150 mm	180 mm	100 mm
Nominal power		2.0 kW	
Speed	700/1700 rpm	540/1200 rpm	900/1,700 rpm
Impact frequency	14,000/34,000 rpm	10,800/24,000 rpm	16,200/30,600 rpm
Motor cooling		Air	
Tool attachment		1 ¼"	
Operation		Hand-held / rig-based	
Application		Dry	
Electronic overload cut-out		•	
Mechanical overload cut-out		•	
Drill rig attachment		Clamping collar 60 mm	

Dimensions & weight

Length	510 mm
Width	110 mm
Height	160 mm
Weight	5 kg

System & Accessories

System & Accessories	
11000002	Drill motor DME17DP-L
10990100	Drill rig DRU160 dry
10995437	Drill bit centring for DRU160
10995087	ModulDrill™ clamping collar plate

Accessories	
10985334	Centering spike 250-350 mm
10984446	Centering spike 450 mm
10994032	Adapter 1 ¼" > M16
10983964	Dust extraction adapter M16
10983845	Centering spike 140 mm
10986189	Centering spike 233 mm
10986190	Strap wrench
497322	Sharpening plate
980304	Chisel 300 x 25 mm
34215616	Abrasive grain for dry drilling

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Our **worldwide subsidiary companies** can be found
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