



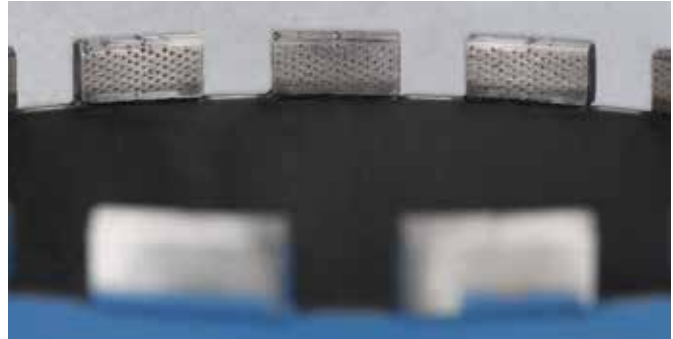
DIAMOND WET CORE DRILLS THE NEW GENERATION

- Maximum drilling performance
- Universal use
- Easy core removal

DIAMOND WET CORE DRILLS

PREMIUM*** – QUALITY TOOLS FOR MAXIMUM ECONOMIC EFFICIENCY

- Exceptional drilling speed, especially on reinforcements and in difficult application conditions
- Long service life
- TGD®-Technology for a constant and high level of performance due to optimum diamond grain distribution
- Universal use
- Innovative diamond segment design
- Smooth and fast cutting of reinforcements
- Easy centering of drill bit and optimum drilling performance from the very start
- Easy core removal
- Highest quality and safety with laser welded segments



TGD®-Technology

The TYROLIT GRAIN DISTRIBUTION allows a constant and high drilling performance due to optimum diamond grain distribution

STANDARD** – QUALITY TOOLS FOR EVERYDAY USE

- Excellent drilling performance, tailored to meet everyday needs
- Simple centering and drilling with patented TYROLIT roof segments
- Lasting quality and safety
- Universal use

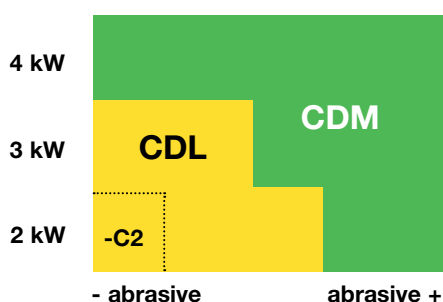
SERVICE

- Products for concrete (asphalt, masonry, steel and special applications on request)
- Connection threads and flanges available to comply with local standards and tailored to suit all types of motors (electric, hydraulic)
- Perfect system solution in conjunction with TYROLIT Hydrostress drill motors and drill rigs
- Extensive range of accessories available
- Special dimensions and individual solutions available on request
- We will be pleased to provide technical support and system solutions for special applications

INFORMATION / RECOMMENDATIONS

- Best performance at peripheral speeds of 2-3 m/s on concrete (1.2-1.8 m/s on reinforced concrete, 3.2-3.8 m/s on very abrasive materials)
- For core drills with a diameter of 450mm or more, we recommend to use the drill flange GR-F. The core drill program with GR-F flange is available on request
- The correct drill rig mounting is essential
- The correct coolant quantity is also important for the optimum drilling performance (“milky” consistency of rinsing water)
- The machine safety and user instructions must be read and understood before starting work. The drilling safety manual will be sent to you on request

SELECTING THE CORRECT CORE DRILL BIT



DIAMOND WET CORE DRILLS

Decades of experience in the production and application of core drill bits and drill motors give TYROLIT the edge in the marketplace. As a result our products can be viewed as innovative solutions for large-scale projects while remaining cost-effective for everyday construction site use. Especially suited to drilling reinforced or normal concrete. Can be operated on a drill rig or by hand. TYROLIT core drill bits are adapted to work perfectly with TYROLIT Hydrostress machines.


SPEED RECOMMENDATIONS

DIAMETER	RPM	DRIVE POWER			
		Concrete (2–3 m/s)			
mm	min ⁻¹	kW			
18	2100–3200	1	2	3	6–8
32	1200–1800				
42	900–1400				
52	750–1100				
62	620–950				
72	550–800				
82	470–700				
102	370–550				
122	310–470				
152	250–380				
162	240–350				
182	210–320				
202	190–280				
250	150–230				
300	130–190				
400	100–140				
500	80–120				

PREMIUM★★★ TGD®-TECHNOLOGY

Quality tools for the most demanding applications and maximum economic efficiency. Excellent and consistent performance, universal use and smooth core removal. Segmented core drills in Ø 82 mm and bigger use TGD®-Technology and have a new segment height of 11.3 mm. Laser welded segments up to Ø 250 mm for highest level of safety and reliability.

CDL★★★

	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	497349	HOHL3	12	400	7	R1/2"	•
	854317	HOHL3	14	400	7	R1/2"	•
	474990	HOHL3	15	400	7	R1/2"	•
	474991	HOHL3	16	400	7	R1/2"	•
	474993	HOHL3	18	400	7	R1/2"	•
	474995	HOHL3	20	400	7	R1/2"	•
	474997	HOHL3	22	400	7	R1/2"	•
	475000	HOHL3	24	400	7	R1/2"	•
	475009	HOHL3	25	400	7	R1/2"	•
	475010	HOHL3	28	400	7	R1/2"	•
	475011	HOHL3	30	400	7	R1/2"	•
	475012	HOHL3	32	400	7	R1/2"	•
	500072	HOHL3	35	450	7	R1/2"	•
	475014	HOHL3	37	450	7	R1/2"	•
	475015	HOHL3	40	450	7	R1/2"	•
	475016	HOHL3	42	450	7	R1/2"	•
	605660	HOHL1D	47	450	8.5	11/4"	•
	605663	HOHL1D	52	450	8.5	11/4"	•
	607062	HOHL1D	52	450	8.5	PIXIE	•
	605664	HOHL1D	57	450	8.5	11/4"	
	605665	HOHL1D	62	450	8.5	11/4"	•
	607063	HOHL1D	62	450	8.5	PIXIE	•
	605666	HOHL1D	67	450	8.5	11/4"	
	605668	HOHL1D	72	450	8.5	11/4"	•
	607064	HOHL1D	72	450	8.5	PIXIE	•
	34017777	HOHL1	82	450	11.3	11/4"	•
	34018370	HOHL1	82	450	11.3	PIXIE	•
	34018473	HOHL1	92	450	11.3	11/4"	•
	34018474	HOHL1	92	450	11.3	PIXIE	
	34018475	HOHL1	102	450	11.3	11/4"	•
	34018476	HOHL1	102	450	11.3	PIXIE	•

SHAPE: HOHL1: Core drill with individual segments, pre-sharpened | HOHL1D: Core drill with individual roof segments | HOHL3: Core drill with ring segment and roof shape

ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
34018477	HOHL1	107	450	11.3	11/4"	•
34018478	HOHL1	112	450	11.3	11/4"	•
34018479	HOHL1	112	450	11.3	PIXIE	•
34018511	HOHL1	122	450	11.3	11/4"	•
34018512	HOHL1	122	450	11.3	PIXIE	
34018513	HOHL1	127	450	11.3	11/4"	•
34018514	HOHL1	132	450	11.3	11/4"	•
34018515	HOHL1	132	450	11.3	PIXIE	•
34018517	HOHL1	142	450	11.3	11/4"	•
34018518	HOHL1	142	450	11.3	PIXIE	•
34017778	HOHL1	152	450	11.3	11/4"	•
34018519	HOHL1	152	450	11.3	PIXIE	•
34018520	HOHL1	162	450	11.3	11/4"	•
34018521	HOHL1	162	450	11.3	PIXIE	•
34018523	HOHL1	172	450	11.3	11/4"	•
34018524	HOHL1	172	450	11.3	PIXIE	
34018525	HOHL1	182	450	11.3	11/4"	•
34018526	HOHL1	182	450	11.3	PIXIE	•
34017779	HOHL1	202	450	11.3	11/4"	•
34018529	HOHL1	202	450	11.3	PIXIE	
34018530	HOHL1	212	450	11.3	11/4"	
34018533	HOHL1	250	450	11.3	11/4"	•
34018534	HOHL1	250	450	11.3	PIXIE	
711267	HOHL1	300	450	11.3	11/4"	•
711268	HOHL1	350	450	11.3	11/4"	•
711269	HOHL1	400	450	11.3	11/4"	•
711270	HOHL1	450	450	11.3	11/4"	•
711272	HOHL1	500	450	11.3	11/4"	•

CDL★★★-C2

ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
34018536	HOHL1	82	450	11.3	PIXIE	•
34018537	HOHL1	82	450	11.3	11/4"	
34018538	HOHL1	92	450	11.3	PIXIE	•
34018539	HOHL1	102	450	11.3	PIXIE	•
34018540	HOHL1	102	450	11.3	11/4"	
34018542	HOHL1	107	450	11.3	PIXIE	•
34018543	HOHL1	112	450	11.3	PIXIE	•
34018544	HOHL1	122	450	11.3	PIXIE	•
34018545	HOHL1	122	450	11.3	11/4"	
34018546	HOHL1	127	450	11.3	PIXIE	•
34018547	HOHL1	132	450	11.3	PIXIE	•
34018548	HOHL1	132	450	11.3	11/4"	
34018549	HOHL1	138	450	11.3	PIXIE	•
34018550	HOHL1	142	450	11.3	PIXIE	•
34018551	HOHL1	152	450	11.3	PIXIE	•
34018552	HOHL1	152	450	11.3	11/4"	
34018553	HOHL1	162	450	11.3	PIXIE	•
34018554	HOHL1	172	450	11.3	PIXIE	•
34018555	HOHL1	182	450	11.3	PIXIE	•
34018556	HOHL1	186	450	11.3	PIXIE	•
34018557	HOHL1	202	450	11.3	PIXIE	•
34018558	HOHL1	202	450	11.3	11/4"	
34018559	HOHL1	226	450	11.3	PIXIE	•
34018560	HOHL1	250	450	11.3	PIXIE	•
34018561	HOHL1	250	450	11.3	11/4"	

CDM★★★

ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
606482	HOHL1D	47	450	8.5	11/4"	
606527	HOHL1D	52	450	8.5	11/4"	•
607085	HOHL1D	52	450	8.5	PIXIE	
606530	HOHL1D	57	450	8.5	11/4"	

	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	606485	HOHL1D	62	450	8.5	11/4"	•
	607086	HOHL1D	62	450	8.5	PIXIE	
	606536	HOHL1D	67	450	8.5	11/4"	
	606541	HOHL1D	72	450	8.5	11/4"	•
	607087	HOHL1D	72	450	8.5	PIXIE	
	34018562	HOHL1	82	450	11.3	11/4"	•
	34018563	HOHL1	82	450	11.3	PIXIE	
	34018564	HOHL1	92	450	11.3	11/4"	•
	34018565	HOHL1	92	450	11.3	PIXIE	
	34018566	HOHL1	102	450	11.3	11/4"	•
	34018567	HOHL1	102	450	11.3	PIXIE	
	34018568	HOHL1	107	450	11.3	11/4"	•
	34018569	HOHL1	112	450	11.3	11/4"	•
	34018570	HOHL1	112	450	11.3	PIXIE	
	34018572	HOHL1	122	450	11.3	11/4"	•
	34018573	HOHL1	122	450	11.3	PIXIE	
	34018575	HOHL1	127	450	11.3	11/4"	•
	34018576	HOHL1	132	450	11.3	11/4"	•
	34018577	HOHL1	132	450	11.3	PIXIE	
	34018579	HOHL1	142	450	11.3	11/4"	
	34018581	HOHL1	142	450	11.3	PIXIE	
	34018584	HOHL1	152	450	11.3	11/4"	•
	34018585	HOHL1	152	450	11.3	PIXIE	
	34018587	HOHL1	162	450	11.3	11/4"	•
	34018588	HOHL1	162	450	11.3	PIXIE	
	34018589	HOHL1	172	450	11.3	11/4"	•
	34018590	HOHL1	172	450	11.3	PIXIE	
	34018601	HOHL1	182	450	11.3	11/4"	•
	34018602	HOHL1	182	450	11.3	PIXIE	
	34018605	HOHL1	202	450	11.3	11/4"	•
	34018606	HOHL1	202	450	11.3	PIXIE	
	34018607	HOHL1	212	450	11.3	11/4"	
	34018610	HOHL1	250	450	11.3	11/4"	•
	34018611	HOHL1	250	450	11.3	PIXIE	
	711343	HOHL1	300	450	11.3	11/4"	•
	711344	HOHL1	350	450	11.3	11/4"	
	711347	HOHL1	400	450	11.3	11/4"	
	711348	HOHL1	450	450	11.3	11/4"	
	711349	HOHL1	500	450	11.3	11/4"	

STANDARD★★

Quality tools for everyday use. An impressive balance between drilling speed and service life. Universal use, lasting quality. Laser welded segments up to diameter 250 mm for highest level of safety and reliability.

CDL★★




	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	475019	HOHL3	32	400	7	R1/2"	•
	475024	HOHL3	42	450	7	R1/2"	•
	466842	HOHL1D	52	450	8.5	11/4"	•
	466843	HOHL1D	62	450	8.5	11/4"	•
	466844	HOHL1D	72	450	8.5	11/4"	•
	466845	HOHL1D	82	450	8.5	11/4"	•
	466846	HOHL1D	92	450	8.5	11/4"	•
	466847	HOHL1D	102	450	8.5	11/4"	•
	466848	HOHL1D	107	450	8.5	11/4"	•
	466849	HOHL1D	112	450	8.5	11/4"	•
	466850	HOHL1D	122	450	8.5	11/4"	•
	466852	HOHL1D	127	450	8.5	11/4"	•
	466853	HOHL1D	132	450	8.5	11/4"	•

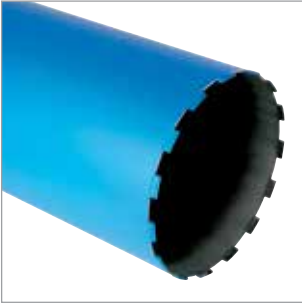
SHAPE: HOHL1: Core drill with individual segments, pre-sharpened | HOHL1D: Core drill with individual roof segments | HOHL3: Core drill with ring segment and roof shape

	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	500056	HOHL1D	142	450	8.5	11/4"	
	466854	HOHL1D	152	450	8.5	11/4"	•
	466855	HOHL1D	162	450	8.5	11/4"	•
	466856	HOHL1D	182	450	8.5	11/4"	•
	466857	HOHL1D	202	450	8.5	11/4"	•
	466858	HOHL1D	250	450	8.5	11/4"	•

CDM★★


	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	466887	HOHL1D	52	450	8.5	11/4"	•
	476408	HOHL1D	52	450	8.5	PIXIE	•
	466888	HOHL1D	62	450	8.5	11/4"	•
	500255	HOHL1D	67	450	8.5	11/4"	•
	466889	HOHL1D	72	450	8.5	11/4"	•
	500259	HOHL1D	77	450	8.5	11/4"	•
	466890	HOHL1D	82	450	8.5	11/4"	•
	476438	HOHL1D	82	450	8.5	PIXIE	•
	466891	HOHL1D	92	450	8.5	11/4"	•
	466892	HOHL1D	102	450	8.5	11/4"	•
	476440	HOHL1D	102	450	8.5	PIXIE	•
	466893	HOHL1D	107	450	8.5	11/4"	•
	466894	HOHL1D	112	450	8.5	11/4"	•
	476442	HOHL1D	112	450	8.5	PIXIE	•
	466895	HOHL1D	122	450	8.5	11/4"	•
	466896	HOHL1D	127	450	8.5	11/4"	•
	466898	HOHL1D	132	450	8.5	11/4"	•
	500268	HOHL1D	142	450	8.5	11/4"	
	546639	HOHL1D	142	450	8.5	PIXIE	•
	466899	HOHL1D	152	450	8.5	11/4"	•
	476449	HOHL1D	152	450	8.5	PIXIE	•
	466900	HOHL1D	162	450	8.5	11/4"	•
	476450	HOHL1D	162	450	8.5	PIXIE	•
	466902	HOHL1D	182	450	8.5	11/4"	•
	466903	HOHL1D	202	450	8.5	11/4"	•
	476452	HOHL1D	202	450	8.5	PIXIE	
	500289	HOHL1D	225	450	8.5	11/4"	
	544172	HOHL1D	225	450	8.5	PIXIE	
	466904	HOHL1D	250	450	8.5	11/4"	•
	476453	HOHL1D	250	450	8.5	PIXIE	
500293	HOHL1D	300	450	8.5	11/4"	•	
500296	HOHL1D	350	450	8.5	11/4"	•	
740716	HOHL1D	400	450	8.5	11/4"		

CDM★★ thin-walled


	ITEM NO.	SHAPE	DIA.	LENGTH	SEGMENT HEIGHT	CONNECTION	IN STOCK
	495674	HOHL2	36	350	7	R1/2"	•
	495817	HOHL2	41	350	7	R1/2"	•
	495818	HOHL2	51	350	7	R1/2"	•
	495820	HOHL2	61	350	7	R1/2"	•
	495824	HOHL2	71	350	7	R1/2"	•
	495826	HOHL2	81	350	7	R1/2"	•
	495830	HOHL2	91	350	7	R1/2"	•
	495832	HOHL2	101	400	7	R1/2"	•
	495833	HOHL2	111	400	7	R1/2"	•
	495834	HOHL2	121	400	7	R1/2"	•
	495836	HOHL2	131	400	7	R1/2"	•
	495837	HOHL2	141	400	7	R1/2"	•
	495838	HOHL2	151	400	7	R1/2"	•
	495841	HOHL2	161	400	7	R1/2"	•
	495842	HOHL2	171	400	7	R1/2"	
	495843	HOHL2	181	400	7	R1/2"	
	495844	HOHL2	191	400	7	R1/2"	
	495845	HOHL2	201	400	7	R1/2"	

ACCESSORIES

Adapters

	ITEM NO.	FORM	CONNECTION 1	CONNECTION 2	IN STOCK
	374035	ADAPT	11/4" F	R1/2" F	•
	381983	ADAPT	R1/2" M	11/4" M	•
	462700	ADAPT	HT 1,5 F	11/4" M	•
	681095	ADAPT	HT 2 F	11/4" M	•
	759007	ADAPT	R1/2" M	10	•
	909220	ADAPT	11/4" F	3-HOLE	


Sharpening plates

	ITEM NO.	FORM	LENGTH	HEIGHT	WIDTH	IN STOCK
	497322	SP1	55	25	320	•
	484627	SP1	160	30	320	•
	484672	SP1	320	55	320	•

Brazing magnets

	ITEM NO.	FORM	LENGTH	PROTRUSION 1	PROTRUSION 2	IN STOCK
	529455	HMAG	56	0.75	1	•
	529456	HMAG	56	0.5	1.25	•

Extensions

	ITEM NO.	FORM	LENGTH	CONNECTION	IN STOCK
	400439	HVERL	100	R1/2"	•
	378198	HVERL	100	11/4"	•
	359475	HVERL	200	R1/2"	•
	359471	HVERL	200	11/4"	•
	359476	HVERL	300	R1/2"	•
	359472	HVERL	300	11/4"	•
	889232	HVERL	400	R1/2"	•
	359473	HVERL	400	11/4"	•
	707230	HVERL	500	R1/2"	•
	359474	HVERL	500	11/4"	•

Water liners

	ITEM NO.	FORM	CONNECTION	IN STOCK
	478074	WSPB	SW 12	•
	122567	WSPB	11/4"	
	122569	WSPB	R1/2"	

TYROLIT SCHLEIFMITTELWERKE SWAROVSKI K.G.

Swarovskistraße 33 | 6130 Schwaz | Austria
Tel +43 5242 606-0 | Fax +43 5242 63398

All our **worldwide subsidiaries** can be found on our
website at www.tyrolit.com

