

Diamond tools and machines
for the construction trade

English | 2023

Premium grinding tools since 1919
www.tyrolit.com

Diamond tools and machines **Product catalogue for construction trade**



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

4,000+
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.

Business units

METAL INDUSTRIES



Automotive industry

Our leading grinding solutions are used for the production of automotive parts with highest precision.



Steel & Foundry

With many years of experience in the machining of high alloyed steel we are the market-leader in the steel industry.



Precision industries

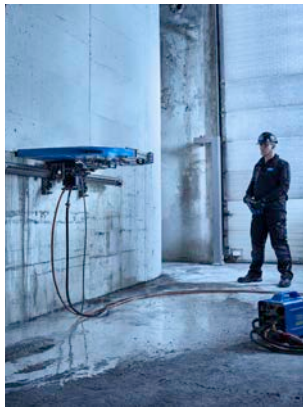
The extensive field of precision industries includes tools and system solutions for various highly specialised applications.



Industrial trade

Our comprehensive assortment for cutting, grinding and surface treatment for professional end users is available worldwide.

CONSTRUCTION



Construction professionals

We impress users with extensive know-how in the creation of perfectly optimised machines and tools and a fast repair service.



Trade & Rental

Our wide range of professional system solutions for construction-related applications is available worldwide.



Construction industry

The assortment of high efficency diamond tools is tailored for the specific needs of customers in the construction industry.



Project services

Our project services team develops individual system solutions for customer-specific special construction applications.

Leading through true innovation

A passion for technology, many years of experience and a strong innovative spirit have been incorporated into the manufacture of outstanding grinding solutions.



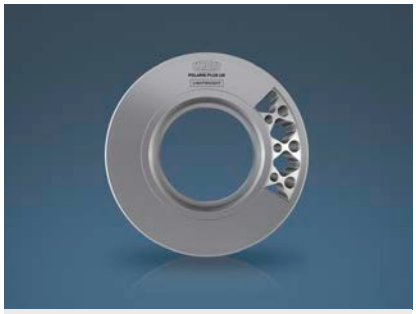
With **CERABOND X**, Tyrolit sets a milestone in the abrasives market. The combination of ceramic grain and the unique Tyrolit bond system enables consistent cutting ability of the discs, combined with unique durability.



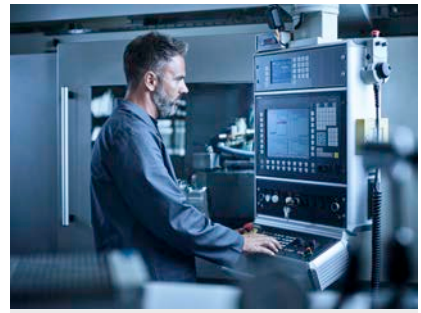
Tyrolit Power revolutionised the finishing of hard surfaces. Sanding strips consisting of layers made from cactus hair and diamond provide extreme hardness, save time and significantly reduce vibrations for the user.



With the future-oriented new **P-technology**, our team of experts has developed a new, more sustainable method to create the artificial porosity in our vitrified grinding wheels. With the new P-Technology, the artificial pores are created without naphthalene and are therefore more environmentally friendly.



Our patented **lightweight core technologies** enable us to improve customers‘ precision grinding processes, saving them time and money. This is possible through computer-calculated targeted material reductions or the use of natural fibres.



With our modular assistance system **ToolScope** we set a milestone for the digitalisation of grinding technology. The system allows customers to utilise existing data and through increased process transparency optimise their whole production chain.



MoveSmart is a novel monitoring system for the construction industry, connecting Tyrolit machines to the Internet of Things and processing user data directly on site and in real-time. A smart move into the future.

International production and sales locations

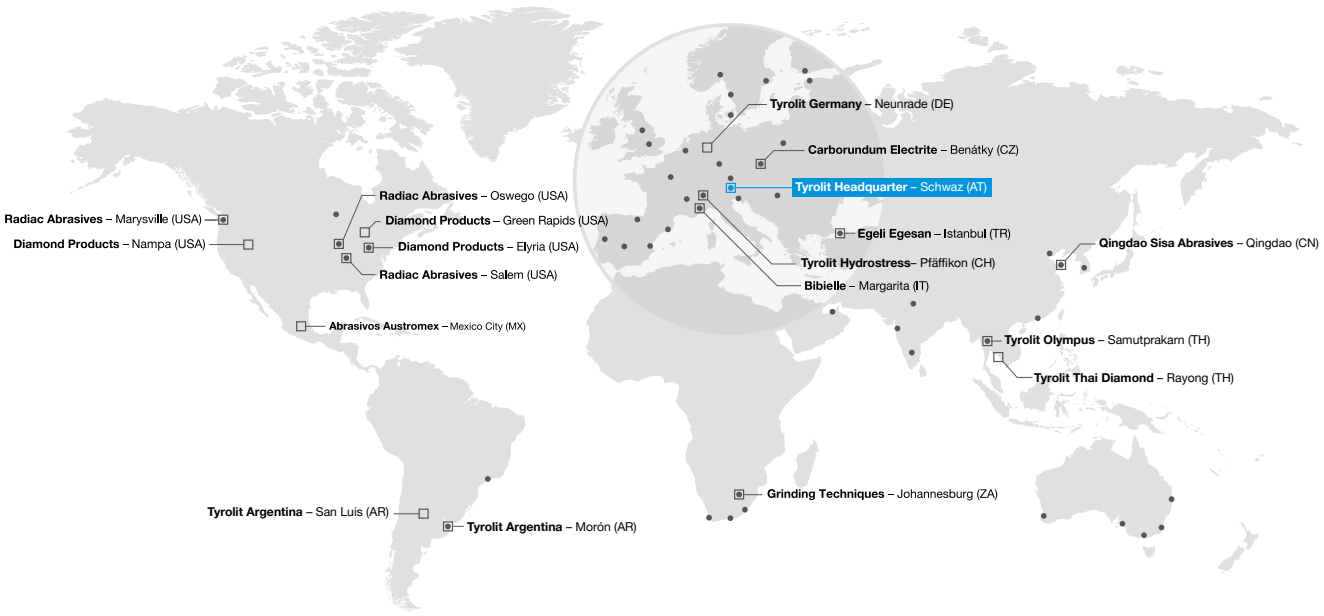
Tyrolit is represented in 29 countries through its own production and sales companies and cooperates in a further 65 countries with local partners.



Production location in Rayong (Thailand)



The European logistics centre in Benátky (Czechia)



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!

★★★ PREMIUM	★★ STANDARD	★ BASIC
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.**



Specific information
Diamond tools

Product label



Registered trademark

Max. speed

TGD® Technology

Application and safety pictograms

Tyrolit, founding member of oSa®

Material suitability

Quality line

Specification

Dimensions: external x internal Ø

Segment height

Type number

EN 13236

Colour codes

Label	Universal	Plastic	Concrete	Hard stone	Tiles	Marble	Asphalt	Abrasive materials	Cast iron
Colour code	Yellow	Yellow	Red	Blue	Green	Green	Grey	Grey	Violet
Material	Universal building materials	Plastic	Concrete	Hard stone	Tiles, ceramic materials	Soft stone, marble	Abrasive materials	Abrasive materials	Cast iron

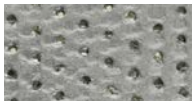
Convincing, technologies

TGD® TECHNOLOGY

Tyrolit diamond tools with TGD® technology feature intelligently distributed diamonds that enable even load distribution, optimised cooling and a constantly high cutting performance. This significantly extends the tool lifetime and the load on the machines is reduced.

Your advantages:

+ Long lifetime
+ High cutting ability
+ Enhanced efficiency



TGD® Segment



Conventional segment

P2® TECHNOLOGY

P2® – PERMANENT POWER – is a high-frequency technology registered by Tyrolit, which combines the compact design of electrical systems with the reliability and performance of hydraulic systems in a single machine to optimum effect. This innovative drive concept is based on the principle of drive motors with permanent magnets and enables operation at a high torque, with simultaneously reduced motor speeds. The maintenance-friendly layout of the compact devices makes servicing easier and reduces costs.

Your advantages:

+ High reliability
+ Powerful performance
+ Compact design

Modular TECHNOLOGY

Thanks to the Tyrolit Modular System, individual components can be used for the same area of application and for different applications. This not only makes the work easier and more efficient, it also saves on costs. One part of the Tyrolit Modular System is the ModulDrill™ quick clamping system, for example, which enables our drill motors to be rapidly attached to different Tyrolit drill rigs.

Your advantages:

+ High cost efficiency
+ Efficient working
+ Easy operation

MoveSmart TECHNOLOGY powered by ToolSense

With the MoveSmart Technology, Tyrolit machines are connected to the Internet for the very first time. The technology processes real-time user data directly at the construction site and makes it available on various end-user devices. The cloud-based MoveSmart Technology was developed in collaboration with the Austrian start-up ToolSense and provides users and business owners with important machine and usage data, helping them to get the most out of their equipment. Service hours, error reports and pending software updates, for instance, can be recalled anywhere and at any time. This enables better planning, as well as faster and more cost-efficient operation based on real data.

Your advantages:

+ Increased productivity
+ Reduced service times
+ Targeted product development



Products with these technologies are identified by these icons on the following pages.





Free hand

Information
Dry cutting saw blades
Resin-bonded cut-off and grinding wheels
Diamond cup wheels
Hand- and ring saw blades
Machines

Table sawing

Information
Table saw blades
Machines

Floor sawing

Information
Floor saw blades
Machines

Core drilling

Information
Wet drill bits
Dry drill bits
Tile drills
Core drill systems

Other

Notes


TYROLIT
TYROLIT
TYROLIT



Free hand

Cutting and grinding **13**

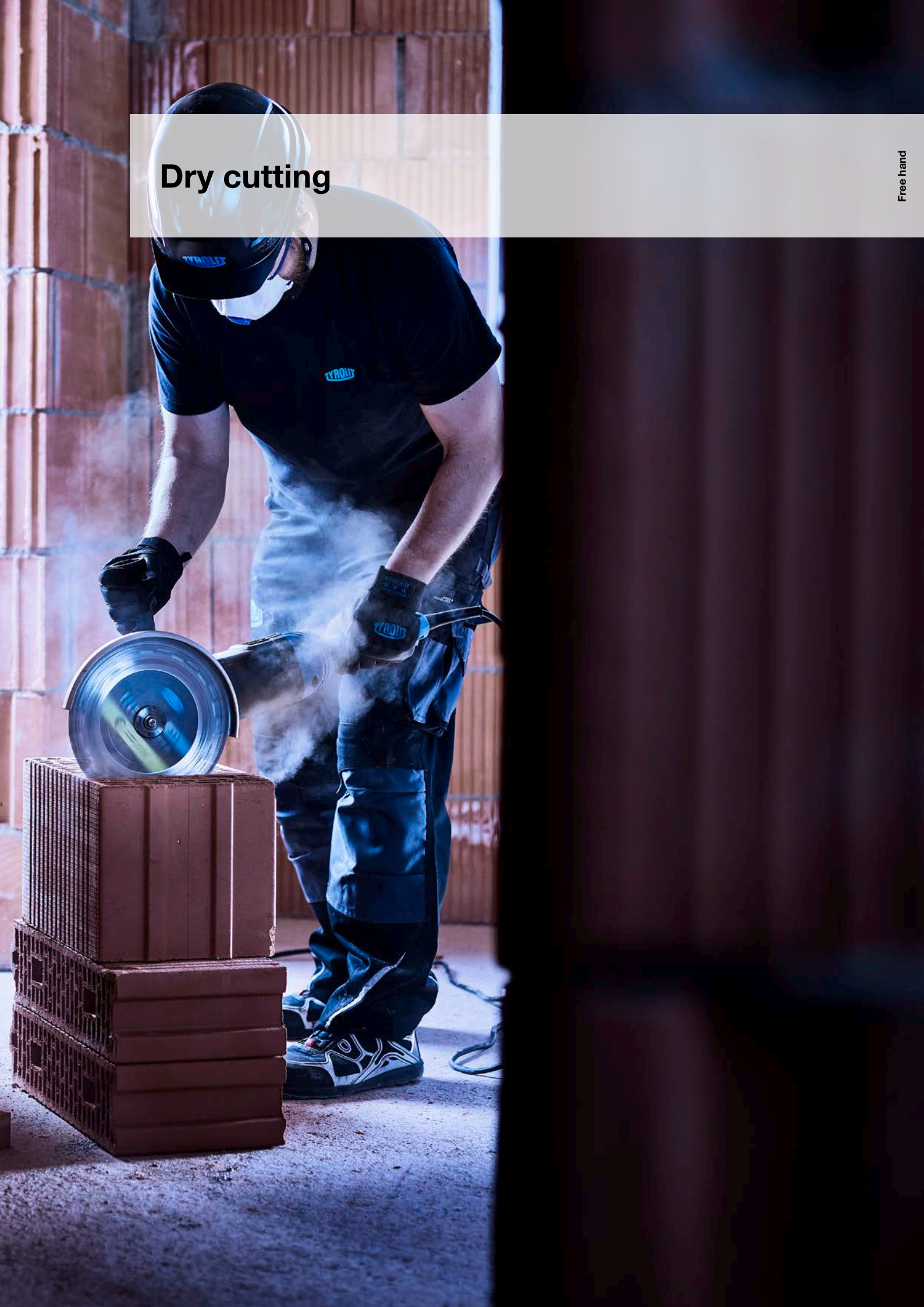
- Dry cutting 15
- Resin-bonded cut-off and grinding wheels 37
- Diamond cup wheels 41
- Machines 48

Hand- and ring sawing **53**

- Information 54
- Hand- and ring saw blades 56
- Machines 58



Dry cutting



Free hand

Application recommendation Dry Cutting Assortment

		★★★ PREMIUM												★★ STANDARD					★ BASIC			
		DCU TGD®	DCU	DCU-FAST CUT	DCU-SILENT *	DCE-SILENT **	DCC	DCC-FAST CUT	DCH TGD®	DCH	DCH-FAST CUT	DCA+C	CUT-ALL	DCU	DCU-FAST CUT	DCC	DCC-LONG LIFE	DCA+C	DCU	DCU-FAST CUT	DCH	DCA+C
Universal Construction Materials	Concrete	●	●	●	●	●	●	●	●	●	●	◑	○	◑	◑	◑	◑	◑	◑	◑	◑	◑
	Armed concrete	●	◑	○	◑	◑	●	○	●	◑	○	○	○	◑	○	◑	◑	○	◑	○	◑	○
	Cellular concrete	●	●	●	●	●	◑	●	●	●	●	◑	○	●	◑	◑	○	◑	○	○	○	◑
	Natural stone	◑	◑	◑	◑	◑	◑	●	●	●	●	○		○	○	○	○		○	○		
	Hard materials	●	●	●	●	◑	●	●	●	●	●		○	◑	○	○	○	○	○	○	○	○
	Roofing materials	◑	◑	●	◑	◑	○	●	◑	◑	●		○	◑	◑	◑	◑	○	○	○	○	○
	Bricks	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	◑	◑	●	●
	Masonry	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●
Hard Stone	Hard limestone	●	●	◑	●	●	●	◑	●	●	●	◑	○	●	◑	◑	◑	○	○	○	○	○
	Concrete blocks	●	●	●	●	●	●	●	●	●	●	◑	○	●	●	●	●	◑	◑	◑	◑	◑
	Granite	◑	◑	●	◑	◑	○	●	●	◑	●	○	○	○	○	○	○				○	
	Quartz	◑	◑	●	◑	◑	◑	●	●	◑	●		○	○	○	○	○				○	
	Paving slab	●	◑	○	◑	◑	●	○	●	◑	○	○	○	●	○	○	●	○	◑	○	◑	○
Asphalt & Concrete	Green concrete	◑	●	◑	●	●	●	◑	◑	●	◑	●	○	●	○	○	◑	◑	○	○	○	○
	Floor pavement	●	●	◑	●	●	●	◑	●	●	◑	●	○	●	◑	◑	◑	◑	◑	○	○	◑
	Plaster	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	●	◑	○	◑	◑
	Asphalt	◑	◑	○	◑	◑	◑	○	◑	◑	○	●	○	◑	○	◑	◑	●	○	○		◑
	Sandstone	●	●	●	●	●	●	●	●	●	●	●	○	●	◑	●	●	◑	○	○	○	○
Marble	Marble	○							○	○	○											
Industrial Ceramics	Refractory materials	○							○				○	○		○	○					
	Engineering bricks	●	◑	○	○			○	●	◑	○		○	○	○	○						

● = optimal ◑ = good ○ = acceptable " " = not recommended

*For wet cutting **For wet cutting, only for electric machines

Application recommendation Dry Cutting Assortment

		★★★ PREMIUM						★ BASIC
		DCM	DCT	DCP	DCCI Combi	DCCI	CUT-ALL	DCT
Marble	Marble	●						
Plastic	GFK	●					◑	
	PVC	●			●		◑	
	Carbon fibre	●	●	○	●	○	◑	○
	Composites	●			●	○	◑	○
	Fibreglass	●	◑				◑	○
	Bulletproof glass	●					●	○
Tiles & Ceramics	Ceramic tiles	○	◑	●			○	○
	Fine stoneware	○	◑	●			○	
	Porcellain	◑	●	●			○	○
Cast iron	Cast iron					●	●	
	Steel profiles					○	○	
	Grey cast iron					●	●	
	Spheroidal cast iron					●	●	

● = optimal ◑ = good ○ = acceptable " " = not recommended

**For wet cutting* ***For wet cutting, only for electric machines*

★★★ PREMIUM

DCU dry cutting saw blades

for universal construction materials | in TGD® Technology

Machinable materials: Universal construction materials such as heavily reinforced concrete, natural stone, clay brick, cellular concrete etc.

	Shape	Type number	Dimension	Segment height
	 C3W	34468871	230 × 2.4 × 22.23	14
	 C73W	34434257	300 × 2.6 × 20	14
		34462046	300 × 2.6 × 22.23	14
		34462047	300 × 2.6 × 25.4	14
		34435145	350 × 3.2 × 20	14
		34462048	350 × 3.2 × 22.23	14
		34462049	350 × 3.2 × 25.4	14
		34435148	400 × 3.2 × 20	14
		34462050	400 × 3.2 × 25.4	14

★★★ PREMIUM

DCU dry cutting saw blades

for universal construction materials

Machinable materials: universal building materials such as reinforced concrete, natural stone, clay brick, masonry, hard stone, abrasive materials, etc.

	Shape	Type number	Dimension	Segment height
	 C73W	34430790	115 × 2.4 × 22.23	10
		34425401	125 × 2.4 × 22.23	10
		34430832	150 × 2.6 × 22.23	12
		34430833	180 × 2.6 × 22.23	12
		34434386	230 × 2.6 × 22.23	12
		34428610	300 × 2.6 × 20	12
		34431007	300 × 2.6 × 22.23	12
		34431008	300 × 2.6 × 25.4	12
		34430834	350 × 3.2 × 20	12
		34430835	350 × 3.2 × 22.23	12
		34430836	350 × 3.2 × 25.4	12
		34428721	400 × 3.2 × 20	12
		34431009	400 × 3.2 × 25.4	12

★★★ PREMIUM

DCU-FAST CUT dry cutting saw blades

for universal construction materials

Machinable materials: universal building materials such as concrete, clay brick, masonry, hard stone, granite etc.

Fast and clean, no edge chipping. Not suitable for reinforced concrete.



Shape		Type number	Dimension	Segment height
	C6R	474743	115×2×22.23	10
		474746	125×2×22.23	10
		474751	150×2.4×22.23	9
		474752	180×2.4×22.23	9
		474753	230×2.4×22.23	9

★★★ PREMIUM

DCU-SILENT dry cutting saw blades

for universal construction materials

Machinable materials: universal building materials such as concrete, clay brick, masonry, hard stone, concrete blocks etc.

Reduces noise by up to 10 dB.



Shape		Type number	Dimension	Segment height
	C3G	474771	230×2.6×22.23	9

★★★ PREMIUM

DCE-SILENT dry cutting saw blades

for universal construction materials | in TGD® Technology

Machinable materials: universal building materials such as concrete, clay brick, masonry, concrete blocks etc.

Only for electric cutting machines.
Reduces noise by up to 10 dB.



Shape		Type number	Dimension	Segment height
	C73GW	34461143	350×3.2×20	14
		34461144	400×3.2×20	14
		34517728	350×3.2×25.4	14
		34517729	400×3.2×25.4	14

★★ STANDARD

DCU dry cutting saw blades
for universal construction materials

Machinable materials: Universal building materials, such as reinforced concrete, clay brick, natural stone, etc.

	Shape		Type number	Dimension	Segment height
		C73	34499934	115×2×22.23	7
			34499935	125×2×22.23	7
			34499936	150×2.6×22.23	9
			34499937	180×2.6×22.23	9
			34499938	230×2.6×22.23	9
		C7W	34499792	300×2.6×20	10
			34499793	300×2.6×22.23	10
			34499794	300×2.6×25.4	10
			34499795	350×3.2×20	10
			34499796	350×3.2×25.4	10
			34499797	400×3.2×20	10

★★ STANDARD

DCU-FAST CUT dry cutting saw blades
for universal construction materials

Machinable materials: Universal building materials such as concrete, clay brick, natural stone, etc. Fast and clean, no edge chipping.

Not suitable for reinforced concrete.

	Shape		Type number	Dimension	Segment height
		C3R	34499939	115×2×22.23	7
			34499940	125×2×22.23	7
		C3R	34499991	150×2.4×22.23	9
			34499992	180×2.4×22.23	9
			34499993	230×2.4×22.23	9
			467433	300×3×20	10
			467434	300×3×22.23	10
			467435	300×3×25.4	10
			467436	350×3×20	10
			467439	350×3×25.4	10

★ BASIC

DCU dry cutting saw blades
for universal construction materials

Machinable materials: Universal building materials, such as reinforced concrete, clay brick, natural stone, etc.

Details: A 20–16 mm reduction bush is supplied with a disc diameter of 105 mm.

	Shape		Type number	Dimension	Segment height
		C73	34502315	105×2×20/16	7
			34501337	115×2×22.23	7
			34501338	125×2×22.23	7
			34501445	150×2.6×22.23	9
			34501446	180×2.6×22.23	9
			34501447	230×2.6×22.23	9

	Shape		Type number	Dimension	Segment height
		C7W	34501448	300×2.6×20	10
			34501449	300×2.6×22.23	10
			34501450	300×2.6×25.4	10
			34501461	350×3.2×20	10
			34501462	350×3.2×25.4	10
			34501463	400×3.2×20	10
			34502116	400×3.2×25.4	10

★ BASIC

DCU-FAST CUT dry cutting saw blades

for universal construction materials

Machinable materials: Universal building materials, such as concrete, clay brick, natural stone, etc. Fast and clean, no edge chipping.

Not suitable for reinforced concrete. Details: A 20-16 mm reduction bush is supplied with a disc diameter of 105 mm.

	Shape		Type number	Dimension	Segment height
		C3R	34502314	105×2×20/16	7
			34501464	115×2×22.23	7
			34501465	125×2×22.23	7
		C3R	34501466	150×2.4×22.23	9
			34501467	180×2.4×22.23	9
			34501468	230×2.4×22.23	9
			467280	300×3×20	10
			467281	300×3×22.23	10
			467282	300×3×25.4	10
			467285	350×3×20	10
			467288	350×3×22.23	10
			467289	350×3×25.4	10

★ BASIC

FSU Floor saw blade

for universal building materials

Materials able to be machined: Universal building materials, such as concrete, clay brick, natural stone, etc.

	Shape		Type number	Dimension	Segment height
		C3W	34546443	450×3.6×25.4	10
			34573300	500×3.6×25.4	10

★★★ PREMIUM

DCC dry cutting saw blades
for concrete

Machinable materials: concrete, armed concrete, concrete products, hard materials etc.



Shape	Type number	Dimension	Segment height
C73W	34468730	115×2.4×22.23	10
	34468731	125×2.4×22.23	10
	34468732	150×2.6×22.23	12
	34468733	180×2.6×22.23	12
	34468734	230×2.6×22.23	12
	34468735	300×2.6×20	12
	34468736	300×2.6×22.23	12
	34468737	300×2.6×25.4	12
	34468738	350×3.2×20	12
	34468739	350×3.2×22.23	12
	34468740	350×3.2×25.4	12
	34468751	400×3.2×20	12
	34468752	400×3.2×25.4	12

★★★ PREMIUM

DCC-FAST CUT wall chaser blade
for concrete

Machinable materials: Concrete, clay brick, cellular concrete.
Details: Tool for the milling of slots in concrete and masonry.

For use with all common wall chasers.



Shape	Type number	Dimension	Segment height
C3R	598008	125×2×22.23	7
	598010	140×2.4×22.23	9
	598011	150×2.4×22.23	9

★★ STANDARD

DCC dry cutting saw blades
for concrete

Machinable materials: Concrete, reinforced concrete, concrete products, hard materials, etc.

	Shape		Type number	Dimension	Segment height
		C73	34500109	115×2×22.23	7
			34500110	125×2×22.23	7
			34500111	150×2.6×22.23	9
			34500112	180×2.6×22.23	9
			34500113	230×2.6×22.23	9
		C7W	34500114	300×2.6×20	10
			34500115	300×2.6×25.4	10
			34500116	350×3.2×20	10
			34500117	350×3.2×25.4	10
			34502313	400×3.2×20	10

★★ STANDARD

DCC-LONG LIFE dry cutting saw blades
for concrete

Machinable materials: Concrete, reinforced concrete, concrete products, hard materials, etc.

	Shape		Type number	Dimension	Segment height
		C3W	484994	300×2.6×20	10
			484996	300×2.6×22.23	10
			484999	300×2.6×25.4	10
			485001	350×3×20	10
			485003	350×3×22.23	10
			485004	400×3.2×20	10

★★★ PREMIUM

DCA+C dry cutting saw blades
for asphalt & concrete

Machinable materials: asphalt, green concrete with soft to hard material aggregates and a small amount of cured concrete.

Details: Protective segments against the undercutting-effect for blades with a dia of 300 or more.

	Shape		Type number	Dimension	Segment height
		C73W	34470453	115×2.4×22.23	10
			34470454	125×2.4×22.23	10
			34470455	150×2.6×22.23	12
			34470456	180×2.6×22.23	12
			34470457	230×2.6×22.23	12
		C73SW	34472010	300×2.6×20	10
			34472041	300×2.6×22.23	10
			34472044	300×2.6×25.4	10
			34472046	350×3.2×20	10
			34472061	350×3.2×22.23	10
			34472008	350×3.2×25.4	10
			34486088	400×3.2×20	10
			34474151	400×3.2×25.4	10

★★★ PREMIUM

FSA+C Floor saw blade
for asphalt & concrete

Machinable materials: asphalt, green concrete with soft to hard material aggregates and a small amount of cured concrete.

Details: Protective segments against the undercutting-effect.

	Shape		Type number	Dimension	Segment height
		C7SW	34527692	450×3.6×25.4	10
			34573481	500×3.6×25.4	10

★★ STANDARD

DCA+C dry cutting saw blades
for asphalt & concrete

Machinable materials: Asphalt, green concrete with soft to hard material aggregates and a small amount of cured concrete.

Details: Protective segments against the undercutting-effect.

	Shape		Type number	Dimension	Segment height
		C7SW	34502234	300×2.8×20	10
			34502235	300×2.8×25.4	10
			34502236	350×3.2×20	10
			34502237	350×3.2×25.4	10
			34502455	400×3.2×20	10
			34502238	400×3.2×25.4	10

BASIC

DCA+C dry cutting saw blades
for asphalt & concrete

Machinable materials: Asphalt, green concrete with soft to hard material aggregates and a small amount of cured concrete.

Details: Protective segments against the undercutting-effect.

	Shape		Type number	Dimension	Segment height
		C7SW	34500101	300×2.8×20	10
			34500102	300×2.8×25.4	10
			34500103	350×3.2×20	10
			34500104	350×3.2×25.4	10
			34502456	400×3.2×20	10
			34500105	400×3.2×25.4	10

BASIC

FSA Floor saw blade
for asphalt

Materials able to be machined: Asphalt, sandstone, extremely abrasive materials. Details: Protective segments against the undercutting-effect.

	Shape		Type number	Dimension	Segment height
		C1SW	34546444	450×3.6×25.4	10
			34573482	500×3.6×25.4	10



★★★ PREMIUM

DCH dry cutting saw blades
for hard stone | in TGD® Technology

Machinable Materials: Concrete blocks, granite, gneiss, porphyry, paving slab etc.



Shape	Type number	Dimension	Segment height
 C3W	34468872	230 × 2.4 × 22.23	14
 C73W	34435150	300 × 2.6 × 20	14
	34462092	300 × 2.6 × 25.4	14
	34435151	350 × 3.2 × 20	14
	34462093	350 × 3.2 × 25.4	14
	34435152	400 × 3.2 × 20	14
	34462094	400 × 3.2 × 25.4	14

★★★ PREMIUM

DCH dry cutting saw blades
for hard stone

Machinable materials: Granite, gneiss, porphyry, paving slab, hard limestone, etc.



Shape	Type number	Dimension	Segment height
 C73W	34475858	115 × 2.4 × 22.23	10
	34475856	125 × 2.4 × 22.23	10

★★★ PREMIUM

DCH-FAST CUT dry cutting saw blades
for hard stone

Machinable materials: Granite, gneiss, porphyry, paving slab, hard limestone, etc.



Shape	Type number	Dimension	Segment height
 C3	475790	115 × 1.2 × 22.23	7
	475793	125 × 1.2 × 22.23	7
 C3W	475797	180 × 1.9 × 22.23	9
	475800	230 × 1.9 × 22.23	9

★ BASIC DCH dry cutting saw blades
for hard stone

Machinable materials: Granite, porphyry, paving slab, hard limestone, etc.

	Shape		Type number	Dimension	Segment height
		C73	34501469	115×2×22.23	7
			34501470	125×2×22.23	7
			34501471	180×2.6×22.23	9
			34501472	230×2.6×22.23	9
		C7W	34501473	300×2.6×20	10
			34501474	350×3.2×20	10
			34572809	350×3.2×25,4	10

★★★ PREMIUM DC ALL
for any materials

Machinable materials: universal building materials, concrete, stone, cast iron, composite materials, plastic, glass, wood, sheets and metal sections.

	Shape		Type number	Dimension	Segment height
		UC3	34503209	115×2.8×22.23	3
			34502746	125×3×22.23	3
			34503208	230×3×22.23	3

NEW ★★★ PREMIUM DC ALL RESCUE
for any materials

Machinable materials: Building materials, concrete, stone, cast iron, composite materials, plastics, fibre and bulletproof glass, wood, sheets and metal sections. Ideal for rescue operations by fire brigades and security forces.

	Shape		Type number	Dimension	Segment height
		UC3	34589656	300×3,9×20	3
			34589657	300×3,9×25,4	3
			34589658	350×4,1×20	3
			34589659	350×4,1×25,4	3
			34589660	400×4,2×20	3
			34589661	400×4,2×25,4	3

★★★ PREMIUM

DCAB Tuck point blade
for abrasive materials

Machinable materials: Mortar joints. Details: tool for milling and repairing mortar joints.



Shape	Type number	Dimension	Segment height
 FRSU	563873	115×7.2×22.23	7
	535829	125×7.2×22.23	7

★★★ PREMIUM

DCM dry cutting saw blades
for marble

Machinable materials: Marble, fibreglass reinforced plastic, PVC, carbon fibre, composites, fibreglass, bulletproof glass, etc.



Shape	Type number	Dimension	Segment height
 UC3	315968	115×2.5×22.23	2
	315967	125×2.5×22.23	2
	547611	150×3×22.23	2
	315966	180×3×22.23	2
	315965	230×3×22.23	2

★★★ PREMIUM

DCP dry cutting saw blades
for porcelain stoneware & tiles

Machinable materials: Especially for hard materials and fine stoneware, ceramic tiles, porcelain stoneware and kitchen counter tops.



Shape	Type number	Dimension	Segment height
 1A1R	34529134	115×1.4×22.23	10
	34529153	125×1.4×22.23	10

★★★ PREMIUM

DCT dry cutting saw blades
for tiles & ceramics

Machinable materials: Ceramic tile, porcelain. Details: A 20–16 mm reduction bush is supplied with a disc diameter of 105 mm.

	Shape		Type number	Dimension	Segment height
		1A1R	639558	105 × 1 × 20	10
			639559	115 × 1.2 × 22.23	10
			639560	125 × 1.2 × 22.23	10
			639634	180 × 1.4 × 22.23	10
			676791	200 × 1.6 × 22.23	10
			639635	230 × 1.6 × 22.23	10

★ BASIC

DCT dry cutting saw blades
for tiles & ceramics

Machinable materials: Ceramic tiles.

	Shape		Type number	Dimension	Segment height
		1A1R	475975	100 × 1.6 × 22.23	7
			475978	115 × 1.6 × 22.23	7
			475980	125 × 1.6 × 22.23	7
			475983	180 × 2 × 22.23	9
			475986	230 × 2 × 22.23	9

Accessories dry cutting saw blades
Sharpening plate for tiles

		Type number	Dimension
	SP6	662791	55 × 25 × 320
		34574956	320 × 55 × 320

★★★ PREMIUM

Roofer's cutting wheel
for all common roofing materials

	Shape		Type number	Dimension	Segment height
		C6R	103283	230 × 2.4 × 22.23	9

★★ STANDARD

Roofer's cutting wheel
for all common roofing materials

	Shape		Type number	Dimension	Segment height
		C3R	34485652	230 × 2.4 × 22.23	9

★★★ PREMIUM

DCCI Diamond cut-off wheel
for grey and spheroidal cast iron

DCCI diamond cut-off wheels from Tyrolit are the optimum tool for machining grey and spheroidal cast iron. These products combine a long lifetime with maximum economic efficiency.

	Shape		Type number	Dimension	Segment height
		UC3	34551885	115 × 2.8 × 22.23	3
			34551886	125 × 3 × 22.23	3
			34551884	230 × 3 × 22.23	3

★★★ PREMIUM

DCCI Combi cutting and chamfering disc
for plastic pipes

	Shape		Type number	Dimension	Segment height
		UC3	34228075	125 × 3 × 22.23	3

Sharpening plate

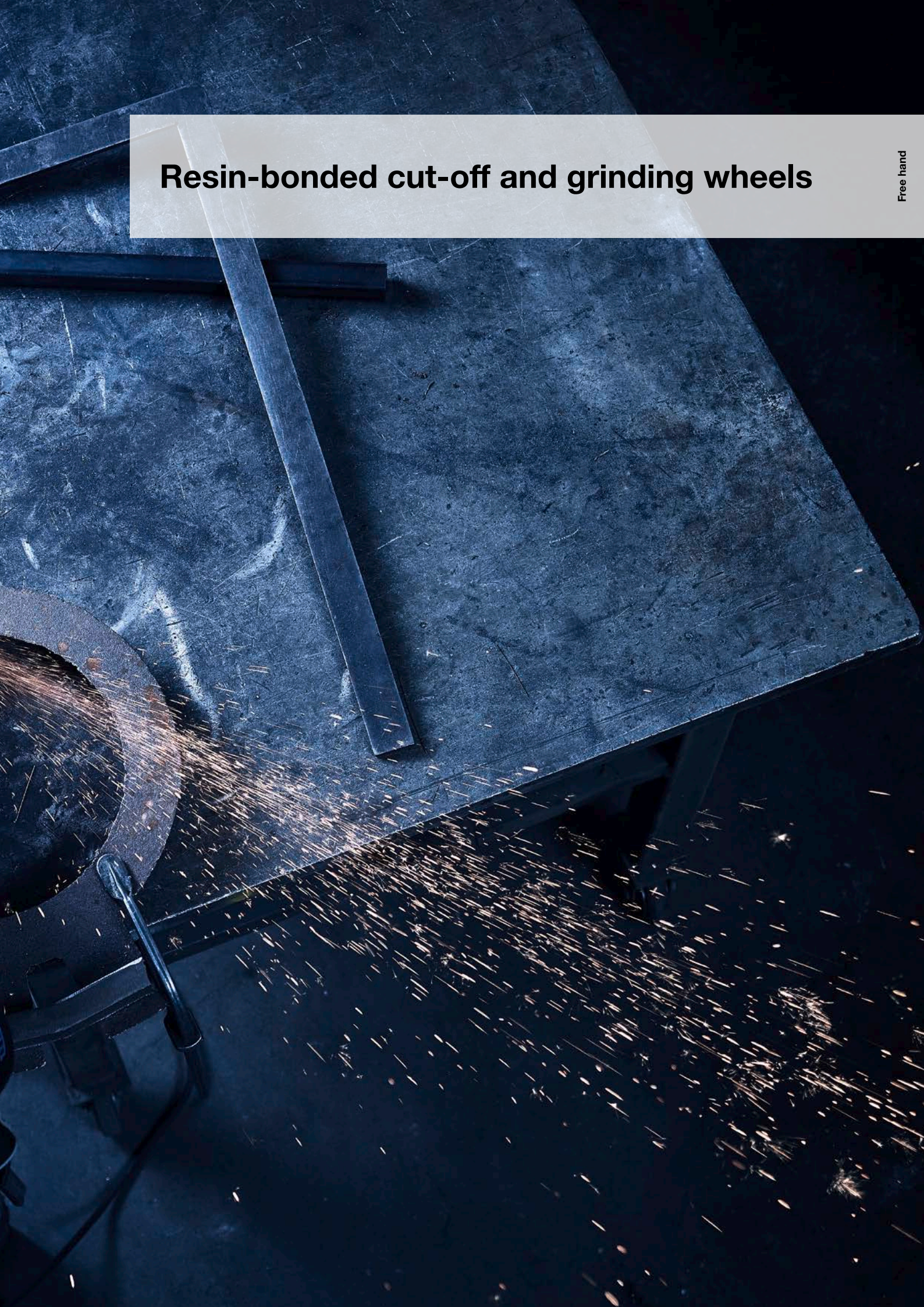
Accessories dry cutting saw blades

		Type number	Dimension
	SP1	497322	55 × 25 × 320
		484627	160 × 30 × 320
		484672	320 × 55 × 320





Resin-bonded cut-off and grinding wheels



Resin-bonded cut-off and grinding wheels

★★★ PREMIUM

2in1 Flap discs
for steel and stainless steel



Shape		Type no.	Dimension	Specification	PU
	27A	668644	115×22.23	ZA60Q-B	10
		668664	125×22.23	ZA60Q-B	10

★ BASIC

2in1 Flap disc
for steel and stainless steel



Shape		Type no.	Dimension	Specification	PU
	27A	34318365	115×22.23	ZA60Q-B	10
		34318370	125×22.23	ZA60Q-B	10

★★★ PREMIUM

2in1 Cut-off wheels
for steel and stainless steel



Shape		Type no.	Dimension	Specification	PU
	41	34332791	115×1.0×22.23	A60Q-BFP	25
		34332792	125×1.0×22.23	A60Q-BFP	25
		34332798	230×1.9×22.23	A46Q-BFP	25
		34332799	230×2.0×22.23	A30Q-BFP	25

★★★ PREMIUM

Cut and Grind

for steel and stainless steel | with deep cut protection



Shape		Type no.	Dimension	Specification	PU
	27EC	34042756	115×2.0×22.23	A46Q-BFXA	25
		34042757	125×2.0×22.23	A46Q-BFXA	25

★ BASIC

2in1 Cut-off wheels

for steel and stainless steel



Shape		Type no.	Dimension	Specification	PU
	41	34332870	115×1×22.23	A60Q-BFB	25
		222997	115×2.5×22.23	A30Q-BF	25
		34332872	125×1×22.23	A60Q-BFB	25
		222998	125×2.5×22.23	A30Q-BF	25
		34332876	230×1.9×22.23	A46Q-BFB	25
		34332877	230×2×22.23	A30Q-BFB	25

★★ STANDARD

Flap discs

for hard and soft stone as well as glass



Shape		Type no.	Dimension	Specification	PU
	28N	750507	115×22.23	C60U-B	10
		750510	115×22.23	C80U-B	10
		750511	115×22.23	C120U-B	10
		750526	115×22.23	C220U-B	10
		750532	115×22.23	C400U-B	10
		750535	178×22.23	C60U-B	10
		750536	178×22.23	C80U-B	10
		750537	178×22.23	C120U-B	10
		750540	178×22.23	C220U-B	10
		750541	178×22.23	C400U-B	10



Diamond cup wheels





Diamond cup wheels **for angle grinders**

Tyrolit diamond cup wheels enable quick and accurate grinding of uneven concrete, stone and floor pavement surfaces. In addition to their universal range of applications, high stock removal rates and a long lifetime are main characteristics of Tyrolit diamond cup wheels.

Service

+ Quick delivery
+ Available in all relevant diameters
+ Conventional dimensions on stock

Remarks / recommendations

+ Observe safety and user instructions
+ On request safety instructions may also be sent separately

Application recommendation

Performance Level	Specification	 Hard stone	 Concrete	 Abrasive materials	 Universal	Pages
★★★ PREMIUM	DGU Turbo				●	40
	DGU				●	41
★★ STANDARD	DGU Single row				●	41
	DGU Double row				●	41
	DGU Turbo				●	42
	DGU-T | Continuous				●	42
	DGAB			●		42
	DGC		●			42
	DGH	●				43
	DGU-FAST CUT				●	43

★★★
PREMIUM

DGU-Turbo Diamond cup wheels

for universal building materials | W-Segment

+ **Fine grinding surface pattern and clean shaping of corners and edges**
due to turbo style arranged segments.

+ **Quick dust removal.**



+ **Impressive performance**
and lifetime.

Machinable materials: Concrete, natural stone and general building materials. Details: Turbo style arranged segments for a fine grinding surface pattern and shaping of corners and edges. Quick dust removal.

A 22.23–16 mm reduction bush is supplied with a wheel diameter of 100 mm.

★★★
PREMIUM

DGU-Turbo Diamond cup wheels

for universal building materials | W-Segment

	Shape	Type number	Dimension	Segment height
	 STS-T	598061	100×20×22.23	5
		34179930	125×23×22.23	5
		34179971	180×32×22.23	5

★★★ PREMIUM

DGU Diamond cup wheels
for universal building materials

Machinable materials: Concrete, natural stone and general building materials. Details: With PU foam coating for quiet grinding and shaping of corners and edges.

	Shape	Type number	Dimension	Segment height
	 STHD	356569	100 × 18 × 22.23	5
		350694	110 × 18 × 22.23	5
		367833	110 × 18 × M14	5
		348387	125 × 18 × 22.23	5
		828013	180 × 19 × 22.23	5

★★ STANDARD

DGU Diamond cup wheels
for universal building materials | Single row

Machinable materials: Concrete, natural stone and general building materials. Details: Single row segments for high stock removal. A 22.23–16 mm reduction bush is supplied.

	Shape	Type number	Dimension	Segment height
	 STS-S	494333	100 × 18 × 22.23	5

★★ STANDARD

DGU Diamond cup wheels
for universal building materials | Double row

Machinable materials: Concrete, natural stone and general building materials. Details: Double row segments for medium stock removal and long lifetime. A 22.23–16 mm reduction bush is supplied with wheel diameters of 100 and 110 mm.

	Shape	Type number	Dimension	Segment height
	 STS-D	494339	100 × 18 × 22.23	5
		494349	110 × 18 × 22.23	5
		494361	125 × 18 × 22.23	5
		494394	180 × 32 × 22.23	5

★★ STANDARD

DGU-Turbo Diamond cup wheels
for universal building materials

Machinable materials: Concrete, natural stone and general building materials. Details: Turbo style arranged segments for a fine grinding surface pattern and shaping of corners and edges.

Quick dust removal. A 22.23–16 mm reduction bush is supplied with a wheel diameter of 100 mm.



Shape	Type number	Dimension	Segment height
STS-T	494342	100×18×22.23	5
	494365	125×20×22.23	5
	494391	180×32×22.23	5

★★ STANDARD

DGU-T Diamond cup wheels
for universal building materials | Continuous

Machinable materials: Concrete, natural stone and general building materials. Details: Turbo style arranged segments for exceptional surface finish and high grinding power.



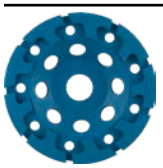
Shape	Type number	Dimension	Segment height
STS-TC	34247005	100×18.5×22.23	6
	34247126	115×18.5×22.23	6
	34247127	125×18.5×22.23	6
	34247128	180×18.5×22.23	6

★★ STANDARD

DGAB Diamond cup wheels
for abrasive materials | T-Segment

Machinable materials: Abrasive concrete, cellular concrete, floor pavement, plaster, pumice stone, etc.

Details: Grinding disc with T-segment for abrasive materials. Excellent grinding power.

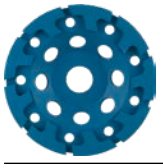


Shape	Type number	Dimension	Segment height
STS-TS	34247129	100×21×22.23	5
	34247130	115×21×22.23	5
	34247151	125×21×22.23	5
	34247152	180×30.2×22.23	5

★★ STANDARD

DGC Diamond cup wheels
for concrete | T-Segment

Machinable materials: Concrete and general building materials. Details: Grinding disc with T-segment for universal use. Excellent grinding power.

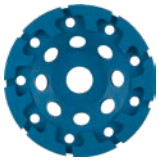


Shape	Type number	Dimension	Segment height
STS-TS	34247153	100×21×22.23	5
	34247154	115×21×22.23	5
	34247155	125×21×22.23	5
	34247156	180×30.2×22.23	5

★★ STANDARD

DGH Diamond cup wheels
for hardstone | T-Segment

Machinable materials: Natural stone, granite and hard building materials. Details: Grinding disc with T-segment for hard materials. Excellent grinding power.



Shape	Type number	Dimension	Segment height
STS-TS	34247157	100 × 21 × 22.23	5
	34247158	115 × 21 × 22.23	5
	34247159	125 × 21 × 22.23	5
	34247160	180 × 30.2 × 22.23	5

★★ STANDARD

DGU-FAST CUT Diamond cup wheels
for universal building materials | L-Segment

Machinable materials: Concrete and general building materials. Details: Grinding disc with L-segment, with particularly large holes for better extraction, for universal use.

Fast Cut Version – very high stock removal rate.



Shape	Type number	Dimension	Segment height
STS-LS	34247161	100 × 20.5 × 22.23	5
	34247162	115 × 20.5 × 22.23	5
	34247164	125 × 20.5 × 22.23	5
	34247165	180 × 30 × 22.23	5

★★ STANDARD

DGU-PCD Diamond cup wheel
for coatings and glue residues | with protection segments

Removal of glue residues, plastic and resin based coatings (e.g. epoxy resin, acrylic, …), thermoplastic coatings, mastic, on cementitious surfaces.

Details: Polycrystalline diamond (PCD) is an extremely hard material. Cup wheels with PCD segments can be used to remove tenacious materials and coatings. Aggressive performance and long lifetime. Protection segments for even and smooth grinding results.



Shape	Type number	Dimension	Segment height
STS-S	34558007	125 × 22 × 22.23	4

★★ STANDARD

DGU-PCD Diamond cup wheel
for coatings and glue residues

Removal of glue residues, plastic and resin based coatings (e.g. epoxy resin, acrylic, …), thermoplastic coatings, mastic, on cementitious surfaces.

Details: Polycrystalline diamond (PCD) is an extremely hard material. Cup wheels with PCD segments can be used to remove tenacious materials and coatings. Aggressive performance and long lifetime.



Shape	Type number	Dimension	Segment height
STS-S	34558008	125 × 22 × 22.23	4

Angle grinder AGE125

Blade diameter of 125 mm





Universal angle grinder Ø 125 mm for processing construction materials and metal



Extremely durable and efficient motor for high performance



Electronics with soft start, restart and overload protection

The compact AGE125 angle grinder is useful for a wide range of applications and is a must-have for any craftsman, with its durable motor, high level of efficiency, and electronics with features such as a soft start, restart and overload protection. The anti-kickback feature turns off the motor on the disc being blocked, ensuring safe operation. Effective cooling and extensive dust seal increase the lifetime of the angle grinder. In addition, the blade guard is tool-free adjustable and the slide switch is lockable.

System & Accessories

Technical data

Max. Ø of saw blade	125 mm
Blade arbour	M14

Drive

Drive / motor	Electric
Voltage / frequency	220-240 V/50-60 Hz
Motor power	900 W
No load speed	11,500/min

Dimensions & weight

Length	300 mm
Width	75 mm
Height	105 mm
Weight (without blade)	2 kg
Cable length	4 m

System & Accessories

Angle grinder AGE125

11002625	Angle grinder AGE125/230 V
11006305	Cover plate for guard (cut-off grinding) Ø 125 mm

Tool recommendation

34425401	PREMIUM DCU Dry cutting saw blade

Angle grinder AGE230

Blade diameter of 230 mm





Universal angle grinder Ø 230 mm for processing construction materials and metal



Robust, streamlined motor and transmission housing with vibration damping for easy handling



Soft vibration handle for reduced vibrations, can be mounted in three positions

The AGE230 is a handy, streamlined Ø 230 mm angle grinder with vibration damping and longer handle, incl. a soft inlay for secure grip, a soft start feature and a blade guard that can be adjusted without tools. The robust steel transmission and a protected metal spindle bearing ensure reliability in use and a longer lifetime. As you would expect, this model has restart protection in case of power failure, a lock-on/off switch and a spindle lock.

System & Accessories

Technical data

Max. Ø of saw blade	230 mm
Blade arbour	M14

Drive

Drive / motor	Electric
Voltage / frequency	220-240 V/50-60 Hz
Motor power	2,100 W
No load speed	6,500/min

Dimensions & weight

Length	490 mm
Width	104 mm
Height	90 mm
Weight (without blade)	5.4 kg
Cable length	4 m

System & Accessories

Angle grinder AGE230

11002626	Angle grinder AGE230/230 V
11006306	Cover plate for guard (cut-off grinding) Ø 230 mm

Tool recommendation

34468871	PREMIUM DCU TGD® Dry cutting saw blade

Wall chaser HCE150

Max. slot depth 45 mm





Supplied 3-blade spacer set for faster breakout through centre slot



Closed folding hood ensures optimum dust extraction



Ergonomic planer handle for convenient handling and precise cut guidance

The HCE150 wall chaser is the ideal machine for cutting grooves and ducts in concrete, sand-lime brick or masonry. The slot width can be adjusted in 1 mm steps in the range 7-46 mm and the depth of cut can be continuously adjusted up to 45 mm. The supplied 3-blade spacer set permits faster breakout through a centre slot. An optional 4-blade arbour is available as an accessory. The ergonomic planer handle ensures convenient handling and precise cut guidance. Cleaner working with minimum dust is guaranteed by a closed folding hood and an integrated vacuum cleaner connection.

System & accessories

Technical data

Wall chaser	**HCE150**
Nominal voltage/frequency	230 V / 50 Hz
Item no.	11003047
Blade diameter	150 mm
Max. slot depth	45 mm
Max. slot width	46 mm
Motor power	2.3 kW
Load speed	4300 rpm
No load speed	7500 rpm
Motor cooling	Air
Tool attachment Ø	22.2 mm
Operation	Hand-operated
Application	Dry

Design	
Soft start	•
Thermal and overload cut-out	•
Depth adjustment without tools	•
Spacer set for 2 or 3 diamond blades	•
Vacuum cleaner connection	•

Dimensions & weight	
Length	361 mm
Width	220 mm
Height	250 mm
Weight	6.1 kg

Accessories

11003044	Spacer set for 4 blades
11003045	Universal vacuum cleaner adapter

Handheld concrete grinder HGE125

Grinding width 125 mm





Fold-up protection cover for grinding right up to the edge



Speed control for optimum grinding speeds in every application



Parallel handle position for precise and balanced guidance

The HGE125 handheld concrete grinder is ideal for preparing surfaces, smoothing unevenness and removing coatings. The integrated speed control permits grinding of a wide range of construction materials and ensures optimum grinding speeds for every application. The fold-up front part of the protection cover allows grinding right up to the edge of the working surface. The ergonomic position of the handles leads to a better grinding result. Cleaner working with minimum dust is guaranteed by a brush rim and an integrated vacuum cleaner connection.

System & accessories

Technical data

Handheld concrete grinder	**HGE125**
Nominal voltage/frequency	230 V / 50 Hz
Item no.	11003046
Working width	125 mm
Motor power	1.5 kW
Speeds	6000-10000 rpm
Motor cooling	Air
Tool attachment Ø	22.2 mm
Operation	Hand-operated
Application	Dry

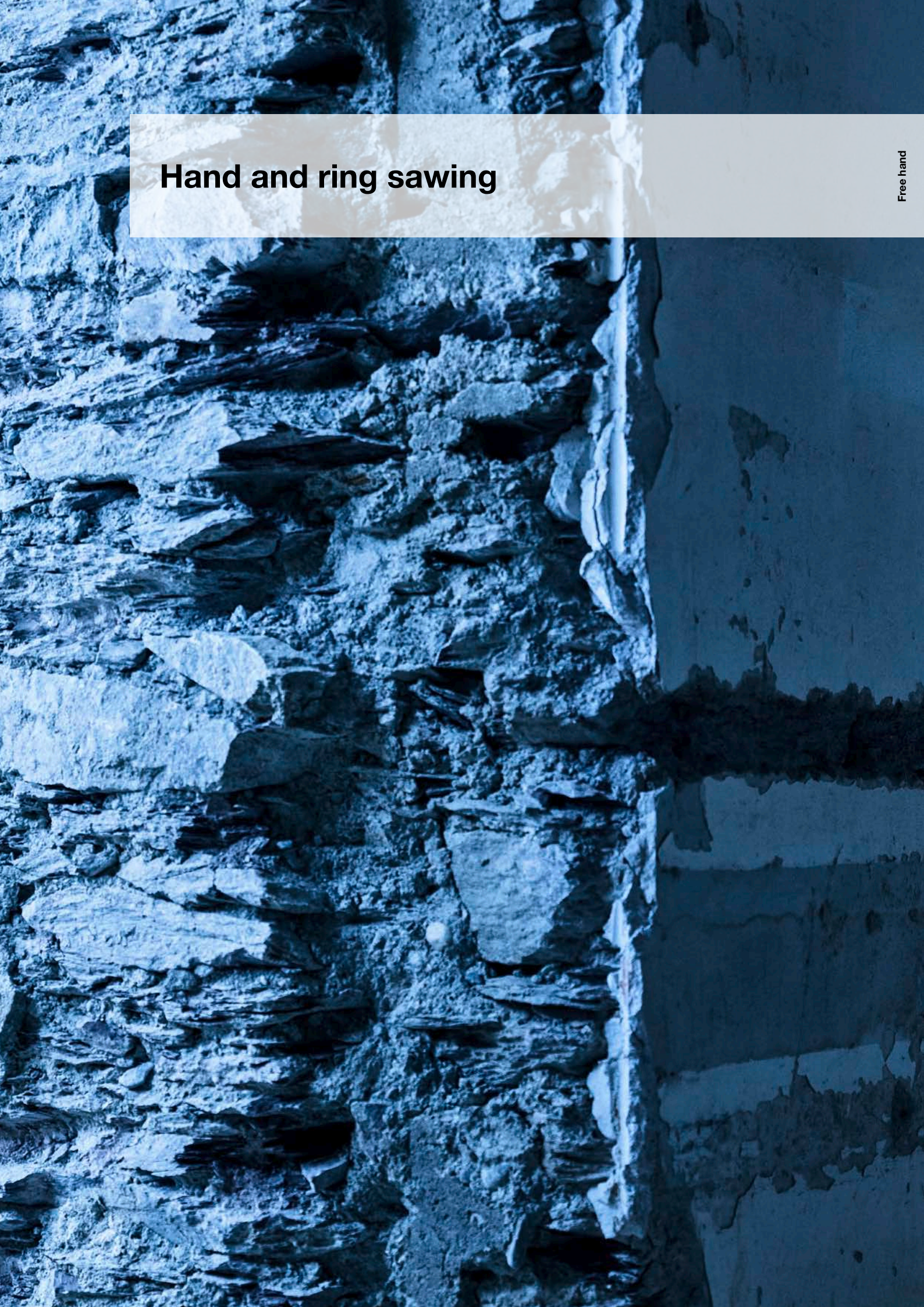
Design	
Soft start	•
Speed control	•
Thermal and overload cut-out	•
Fold-up protection cover	•
Vacuum cleaner connection	•

Dimensions & weight	
Length	180 mm
Width	276 mm
Height	250 mm
Weight	4.5 kg

Accessories

11003045	Universal vacuum cleaner adapter


TYROLIT



Hand and ring sawing



Hand and ring saw blades

The leadership of Tyrolit is based on years of experience in the fields of production and application of hand saw blades. This allows us to provide innovative solutions for large scale projects and at the same time, our tools achieve efficient results in everyday use at construction sites.

Hand saw blades are especially suitable for openings and breaking through walls or ceilings with minor depths. Tyrolit ring saw blades convince with quick and simple handling and clean cutting edges. The outstanding cutting performance remains constant over the whole blade lifetime. The range of Tyrolit products covers all common applications and machines (electrical, hydraulic, petrol driven).

Application recommendation

Operation only for wet cutting

Performance Level	Specification	Concrete	Pages
★★★ PREMIUM	HSL TGD®	●	226
	RSL	●	226
	RSL-C	●	227
	RSL-FC	●	227
	RSM	●	227
★★ STANDARD	HSL-FC	●	226

Colour indication

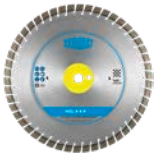
Low Power / for hard, non-abrasive materials	
Medium Power / for soft, abrasive materials	

★★★ PREMIUM

HSL Hand saw blade
for concrete | in TGD®-Technology

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 150 mm.

Details: Application in system with fuel operated, electric or hydraulic cut-off machines.

	Shape		Type number	Dimension	Segment height
		C77W	54902	405×2.8×25.4	10
			732290	416×2.8×25.4	10

★★ STANDARD

HSL-FAST CUT Hand saw blade
for concrete

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 150 mm.

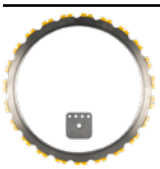
Details: Application in system with fuel operated, electric or hydraulic cut-off machines.

	Shape		Type number	Dimension	Segment height
		C7W	34291707	350×4.2×25.4	10

★★★ PREMIUM

RSL Ring saw blade
for concrete | Ø 406 mm / 506 mm

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 400 mm (Ø 506 mm) / 300 mm (Ø 406 mm).
Details: The ring saw blades have been optimised to work perfectly with the Tyrolit Hydrostress machines. With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.

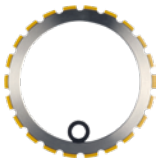
	Shape		Type number	Dimension	Segment height
		C1W	738471	406×3.9×326.8	10
			738473	506×3.9×421.7	10

★★★ PREMIUM

RSL Ring saw blade
for concrete | Ø 366 mm

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 260 mm. Details: Application in system with fuel operated, electric or hydraulic ring saw machines.

With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.

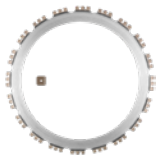


Shape	Type number	Dimension	Segment height
C1W	739886	366 × 4.2 × 288	10

★★★ PREMIUM

RSL-C Ring saw blade
for concrete | Ø 406 mm

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 300 mm (Ø 406 mm). Details: The ring saw blades have been optimised to work perfectly with the Tyrolit Hydrostress machines. With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.

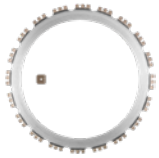


Shape	Type number	Dimension	Segment height
C1W	34506869	406 × 4.2 × 320	10
	34058668	406 × 3.9 × 326.78	10

★★★ PREMIUM

RSL-FAST CUT Ring saw blade
for concrete | Ø 306 mm / Ø 406 mm

Machinable materials: For fast cutting on reinforced or normal concrete with wall thicknesses of up to 300 mm (Ø 406 mm). Details: The ring saw blades have been optimised to work perfectly with the Tyrolit Hydrostress machines. With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.



Shape	Type number	Dimension	Segment height
C1W	34249061	306 × 3.9 × 225.2	10
	34258692	406 × 3.9 × 326.78	10
	34438701	406 × 3.9 × 320	10

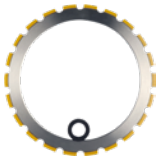
● = *low* ● = *medium*

★★★ PREMIUM

RSM Ring saw blade
for concrete | Ø 366 mm

Machinable materials: Usage on reinforced or normal concrete with wall thicknesses of up to 260 mm. Details: Application in system with fuel operated, electric or hydraulic ring saw machines.

With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.

	Shape		Type number	Dimension	Segment height
		C1W	739887	366 × 4.2 × 288	10

★★★ PREMIUM

RSM / RSM-FC Ring saw blades for Husqvarna ring saws
for concrete | Ø 425 mm | in TGD®-Technology

Machinable materials: Usage on reinforced or normal concrete. Details: For Husqvarna K7000 ring saws. With every replacement blade the wear plate is included and should also be replaced with each ring saw blade.

Shape		Type number	Dimension	Segment height	Details
	C1W	34556651	425 × 3.9 × 337.9	10	FAST CUT Version
		34556652	425 × 3.9 × 337.9	10	

● = *low* ● = *medium*



★★★
PREMIUM

Hand saw HBE400

Cutting depth up to 150 mm





405 mm saw blade with cutting depth up to 150 mm and flush cutting function with optional accessories



3.2 kW electric motor with fully integrated electronics



Integrated dust extraction connection for dust-free, clean working

The HBE400 is a 3.2 kW hand-held saw for cutting depths up to 150 mm. In combination with our accessories kit, this hand-held saw is excellently suited to flush cutting.

This model can be used for both wet and dry applications and its integrated dust extraction connection enables clean working. The compact design, low weight and detachable guide rollers guarantee ease of handling and machine guidance for the user. The 230 V electric drive enables flexible working indoors and outdoors.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	150 mm
Max. saw blade Ø	405 mm
Saw blade uptake	25.4 mm

Drive	
Drive / motor	Electric
Voltage / frequency	230 V / 50–60 Hz
Power	3.2 kW

Dimensions & Weight	
Length	735 mm
Width	259 mm
Height	365 mm
Weight (without blade)	9.1 kg

System & Accessories

Hand saw HBE400	
10991700	Hand saw HBE400 / 230 V

Accessories	
10998741	Flush cutting flange (Hole pattern 7M243)
11000583	Flush cutting blade guard

Tool recommendation	
34462050	PREMIUM DCU TGD® Dry cutting saw blade

★★★
PREMIUM

Ring saw HRE410

Depth of cut up to 300 mm





Ideal cutting performance due to a 6.5 kW P2® motor in conjunction with Tyrolit ring saw blades



Intelligent ergonomics – handle can be rotated 90° for horizontal cuts



Modular use with WSE1621 wall saw system or electric control unit PPE6

The HRE410 is an electric hand saw for wall and floor cuts to a depth of 300 mm. The ring saw is an ideal supplement to the WSE1621 wall saw system, enabling work without overcuts and therefore provides a better alternative to corner drilling or diamond chain saws. The combination of a powerful 6.5 kW P2® motor and Tyrolit ring saw blades ensures exceptional cutting performance – for fast, precise work. The intelligent ergonomics are another feature of this machine; the rear and front handle can be adjusted to enable an ideal position for cutting with less fatigue.

System & Accessories

Technical data

Saw blade	
Max. depth of cut	300 mm
Max. ring saw blade Ø	410 mm

Drive	
High-frequency motor	
Power	6.5 kW
Speed	1938 rpm
Cooling	Water

Design
Modular use with WSE1621
P2® high-frequency technology
Adjustable, ergonomic handles
Front handle for left- and right-handed users
Rear handle can be rotated 90°
Water intake can be controlled directly on handle
IP 55 protection class
Overload and excess temperature display

Dimensions & weight	
Length	505 mm
Width	320 mm
Height	520 mm
Weight	14.5 kg

System & Accessories

Ring saw HRE410/Electric control WSE1621	
10999300	Ring saw HRE410
11002700	Electric control WSE1621 400V
11002643	Transport case HRE410

Ring saw HRE410/Electric control PPE6	
10999300	Ring saw HRE410
11000500	Electric control PPE6 400V 10A IP65 12.5kg
11002643	Transport case HRE410
10998110	Water hose kit 8 m

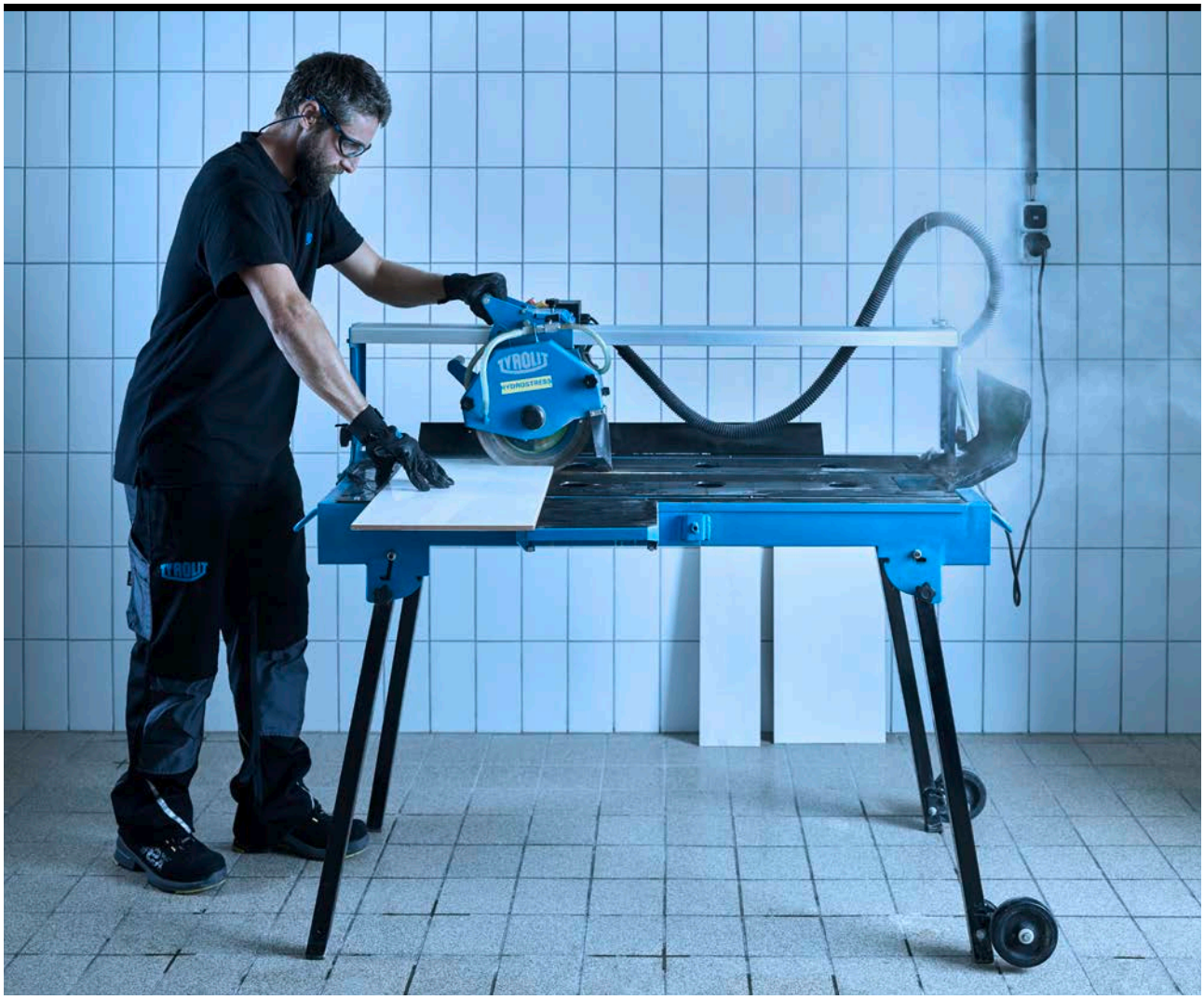
34438701	Ring saw blade RSL-FC (C1W 406x3.9x320)
34506869	Ring saw blade RSL (C1W 406x4.2x320)
11002010	Drive wheel


TYROLIT
TYROLIT
HYDROSTRESS



Table sawing

Information	66
Table saw blades	68
Machines	72



Diamond saw blades **for table saws**

Tyrolit table saw blades impress with an excellent cutting performance and a long lifetime. They are optimised for the relevant material or application.

Tyrolit table saw blades are developed to work perfectly with Tyrolit Hydrostress machines and therefore meet all cutting work challenges and deliver the best results.

Application recommendation

Performance Level	Specification	Universal	Hard stone	Engineering bricks	Abrasive materials	Soft stone	Tiles/Fine stoneware	Pages
★★★ PREMIUM	TSU	●						68
	TSU-SILENT	●						69
	TSH		●					69
	TSH-SILENT		●					69
	F40				●			70
	TSS10			●				70
	TSM					●		70
	DCP						●	71
	DCT						●	71

Service

+ Quick delivery
+ Available in all relevant diameters
+ All relevant dimensions on stock
+ Designed to perfectly harmonise with Tyrolit Hydrostress machines
+ Reduction bushes for various machine types

Remarks / Recommendations

+ Please observe the safety and user instructions
+ On request safety instructions may also be sent separately
+ Maximum working speed 63 m/s
+ Tools only to be used for wet-cutting (exceptions are explicitly stated)

★★★
PREMIUM

TSU Table saw blade

for universal building materials

+ **Universal use**
for various building materials, such as clay brick, concrete, sand-lime brick, etc.

+ **Maximum performance and lifetime.**



+ **Broad product range.**

Materials able to be machined: Cellular concrete, sand-lime brick, pumice stone, clay brick, etc. Details: 35–30 mm and 30–25.4 mm reduction bushes are included with disc diameters up to 550 mm. A 60–55 mm reduction bush is supplied with disc diameters of 625 mm and upwards.

★★★
PREMIUM

TSU Table saw blade
for universal building materials

	Shape		Type number	Dimension	Segment height
		C2W	34180849	250×2.2×35	10
			34180294	300×2.4×35	10
			34180293	350×2.8×35	10
			34180291	400×3.2×35	10
			34180270	450×3.2×35	10
			34218744	500×3.6×35	10
			34180268	550×3.6×35	10
		C1W	34180264	600×3.6×25.4	10
			34180265	600×3.6×60	10
			34180263	625×3.6×60/55	10
			34171018	650×3.9×60/55	10
			34243555	650×3.9×60/25.4	10

	Shape	Type number	Dimension	Segment height
		34171019	700 × 3.9 × 60/55	10
		34339679	750 × 3.9 × 60/55	10
		34171020	900 × 4.8 × 60/55	10
		34171031	1000 × 4.8 × 60/55	10

★★★ PREMIUM

TSU-SILENT Table saw blade
for universal building materials



Materials able to be machined: Cellular concrete, sand-lime brick, pumice stone, clay brick, etc. Reduces noise by up to 10 dB.

Details: 35–30 mm and 30–25.4 mm reduction bushes are included with disc diameters up to 550 mm. A 60–55 mm reduction bush is supplied with disc diameters of 625 mm and upwards.

	Shape		Type number	Dimension	Segment height
		C2GW	34180292	350 × 2.8 × 35	10
			34485805	400 × 3.2 × 35	10
		C1GW	34181275	625 × 3.6 × 60	10
			34180295	700 × 3.9 × 60/55	10
			34305288	900 × 4.8 × 60/55	10

★★★ PREMIUM

TSH Table saw blade
for hardstone



Materials able to be machined: Granite, gneiss, hard sand-lime brick, hard clay brick.

Details: 35–30 mm and 30–25.4 mm reduction bushes are supplied.

	Shape		Type number	Dimension	Segment height
		C2	34277672	250 × 2.2 × 35	10
			34221327	300 × 2.8 × 35	14
			34221325	350 × 2.8 × 35	14
			34495775	400 × 3.2 × 35	14

★★★ PREMIUM

TSH-SILENT Table saw blade
for hardstone



Materials able to be machined: Granite, gneiss, hard sand-lime brick, hard clay brick. Reduces noise by up to 10 dB.

Details: 35–30 mm and 30–25.4 mm reduction bushes are supplied.

	Shape		Type number	Dimension	Segment height
		C2G	34221324	300 × 2.8 × 35	14
			34097755	350 × 2.8 × 35	14

★★★ PREMIUM

F40 Table saw blade
for abrasive materials

Materials able to be machined: Type F40 is designed primarily for refractory cutting.

	Shape		Type number	Dimension	Segment height
		C2W	817603	350×2.8×25.4	7
			817607	400×3.2×25.4	7
			547136	500×3.6×25.4	7

★★★ PREMIUM

TSS10 Table saw blade
for engineering bricks

Materials able to be machined: Type TSS10 has been specially designed for the machining of engineering bricks (e.g. Stradalit).

Details: 35–30 mm and 30–25.4 mm reduction bushes are supplied.

	Shape		Type number	Dimension	Segment height
		C1	894258	350×2.8×35	9

★★★ PREMIUM

TSM Table saw blade
for marble

Materials able to be machined: Soft stone, such as marble and sand-lime brick. Details: 35–30 mm and 30–25.4 mm reduction bushes are supplied.

	Shape		Type number	Dimension	Segment height
		C2	5679	250×2.2×35	7
			5684	300×2.4×35	7
			5685	350×2.8×35	7

★★★ PREMIUM

DCP Table saw blade
for tiles and fine stoneware

Materials able to be machined: especially for hard materials and fine stoneware, ceramic tiles, porcelain stoneware and kitchen counter tops.

35–30 mm and 30–25.4 mm reduction bushes are supplied.

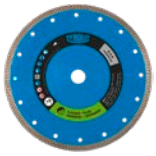
	Shape	Type number	Dimension	Segment height
	1A1R	34553442	250 × 1.8 × 35	10
		34553443	350 × 2.5 × 35	10

★★★ PREMIUM

DCT Table saw blade
for tiles and ceramic materials

Materials able to be machined: Ceramic tiles, porcelain, terrazzo slabs.

Details: ultra-thin saw blades with excellent properties.
35–30 mm and 30–25.4 mm reduction bushes are supplied.

	Shape	Type number	Dimension	Segment height
	1A1R	639566	180 × 1.4 × 35	10
		701934	200 × 1.6 × 35	10
		639568	230 × 1.6 × 35	10
		639569	250 × 1.6 × 35	10
		639570	300 × 2 × 35	10
		639571	350 × 2 × 35	10

Accessories dry cutting saw blades
Sharpening plate for tiles

		Type number	Dimension
	SP6	662791	55 × 25 × 320
		34574956	320 × 55 × 320

Tile saw TTE250

Cutting depth up to 60 mm





Innovative telescopic system makes long cuts possible



Additional deployment options due to cap cutting function with adjustable cutting depth



Precise angle and mitre cutting using included stops

The TTE250 is a portable professional tile saw that combines large cutting length with small overall dimensions. Numerous settings and application options ensure maximum flexibility. The saw is easy to clean thanks to the detachable water tray made from high-quality and robust plastic.

Compact design, lightweight construction and an optional foldable table make it easy to transport and position on a job site. The fine-tuning between machine and diamond tool as an integrated system guarantees optimal cutting performance.

System & Accessories

Technical data

Tile saw TTE250	
Type no.	10983906

Saw blade	
Max. cutting depth	60 mm
Max. saw blade Ø	250 mm
Cutting length	730 mm
Saw blade speed	3420 rpm
Saw blade holder Ø	25.4 mm

Drive	
Drive / motor	Electric
Motor power	1.1 kW
Voltage / frequency	230 V / 50 Hz
Motor cooling	Air
Saw blade drive	Direct
Application	Wet

Design	
Infinitely adjustable cutting depths	•
Angle cutting function (angle stop)	•
Mitre cutting function (mitre stop)	•
Cap cutting function	•
Included table extension	•

Dimensions & Weight	
Length	900 mm
Width	600 mm
Height	500 mm
Weight	26 kg

System & Accessories

Accessories	
11002433	Foldable saw table
10985921	Table extension
10988374	Mitre stop (jolly table) for 600 mm tiles

★★★
PREMIUM

Tile saw TRE250

Cutting depth up to 60 mm





Cutting length up to 1 m for cutting large tiles



Clean cuts thanks to precise saw head guide and robust design



Safe and easy transport thanks to folding feet and transport wheels

The TRE250 tile saw enables the cutting of various tile sizes and types to a cutting length of 1 m. A range of adjustment and application options ensure maximum flexibility. The robust design and precise saw head guide guarantee a clean cut. Transport wheels and folding table feet facilitate transport and position at the location of use.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	60 mm
Max. saw blade Ø	250 mm
Cutting length	940 mm (1 050 mm)*
Saw blade speed	2 800 rpm
Saw blade holder Ø	25.4 mm

** Plunge cut*

Drive	
Drive / motor	Electric
Output	1.3 kW
Standard voltage / frequency	230 V / 50 Hz
Optional voltage / frequency	110 V / 60 Hz
Engine cooling	Air cooling
Saw blade drive	Direct

Design
Infinitely adjustable cutting depths
Angle cutting function (angle stop)
Mitre cutting function
Cap cutting function
Electric water pump
Folding legs

Dimensions & Weight	
Length	1 375 mm
Width	740 mm
Height	1 275 mm
Weight	79 kg

System & Accessories

Tile saw TRE250	
10989500	Tile saw TRE250 / 230 V
10989100	Tile saw TRE250 / 110 V

Accessories	
10995459	Side splash guard
10995489	Parallel guide

Tool recommendation	
639569	PREMIUM DCT Table saw blade

Masonry saw CSE350D

Cutting depth up to 125 mm





Versatility: infinitely adjustable cutting depths



Efficient dust extraction directly by the saw blade



Foldable saw table is available as an accessory

The CSE350D is a professional dry masonry saw that is particularly suitable for chop cuts thanks to the variable cutting depth. One of the highlights of this saw is its innovative dust extraction system, that collects dust directly by the saw blade and thus ensures clean working environment. Numerous settings and application options ensure maximum flexibility. Compact design, lightweight construction and an optional foldable table make it easy to transport and position on a job site. The fine-tuning between machine and diamond tool as an integrated system guarantees optimal cutting performance.

System & Accessories

Technical data

Tile saw CSE350D	
Type no.	11002435

Saw blade	
Max. cutting depth	125 mm
Max. saw blade Ø	350 mm
Cutting length	400 mm
Saw blade speed	3600 rpm
Saw blade holder Ø	25.4 mm

Drive	
Drive / motor	Electric
Motor power	2.2 kW
Voltage / frequency	230 V / 50 Hz
Motor cooling	Air
Saw blade drive	Direct
Application	Dry / wet (optional)

Design	
Cap cutting function	•
Infinitely adjustable cutting depths	•
Angle cutting function (angle stop)	•
Built-in dust extraction	•
Vacuum cleaner connection	•

Dimensions & Weight	
Length	865 mm
Width	510 mm
Height	510 mm
Weight	40 kg

System & Accessories

Accessories	
11002433	Foldable saw table
11002434	Water hose kit

★★
STANDARD

Masonry saw TBE400

Cutting depth up to 125 mm





Swivelling saw head enables 45° mitre cuts



Folding feet, transport wheels and carrying handles ensure total manoeuvrability at the location of use



Angle stop provided for cuts of 30° to 90°

The TBE400 table saw offers an uncompromising price-performance ratio as well as high flexibility through numerous settings and application options. A sturdy saw table with anti-slip support guarantees clean cuts. The swivelling saw head allows mitre cuts to be made with ease. Transport wheels and folding table feet facilitate transport and position at the location of use.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	125 mm
Max. saw blade Ø	400 mm
Cutting length	600 mm
Saw blade speed	2 800 rpm
Saw blade arbour Ø	25.4 mm

Drive	
Drive / motor	Electric
Power	2.2 kW
Voltage / standard frequency	230 V / 50 Hz
Motor cooling	Air cooling
Saw blade drive	Direct

Design
Continuously variable cutting depth
Angle cutting function (angle stop)
Mitre cutting function (swivelling saw head)
Cap cutting function
Water tank made of powder-coated steel
Easy to replace electric water pump
Folding feet and transport handles

Dimensions & weight	
Length	1 210 mm
Width	655 mm
Height	1 285 mm
Weight	86 kg

System & Accessories

Masonry saw TBE400	
10998400	Masonry saw TBE400 / 230 V

Tool recommendation	
34180291	PREMIUM TSU Table saw blade

★★★
PREMIUM

Masonry saw TME700

Cutting depth up to 270 mm

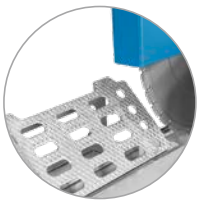




Removable water tank for easier cleaning



Sturdy, balanced transport hook for easy crane transport



Precise mitre cutting thanks to mitre stop

The TME700 convinces through maximum stability and robustness. The precise stainless-steel saw table guide guarantees a clean cut. Construction-site suitable leading pulleys, forklift guides and a crane hook ensure trouble-free transport.

The anti-contamination positioning of the water pump reduces servicing requirements to a minimum and ensures permanent tool cooling. The intelligent blade guard construction enables quick and easy blade installation.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	270 mm
Max. saw blade Ø	700 mm
Cutting length	600 mm
Saw blade speed	1 380 rpm
Saw blade holder Ø	60 mm
Carrier Ø	11.5 mm
Reference circle Ø	120 mm

Drive	
Drive / motor	Electric
Output	5.5 kW
Standard voltage / frequency	400 V / 50 Hz
Engine cooling	Air cooling
Saw blade drive	Direct

Design
Infinitely adjustable cutting depths
Angle cutting function (angle stop)
Mitre cutting function (swiveling saw head)
Transport hook and fork lift guides
Pull-out water tank
Electric water pump

Dimensions & Weight	
Length	1 470 mm
Width	910 mm
Height	1 350 mm
Weight	220 kg

System & Accessories

Masonry saw TME700	
10989600	Masonry saw TME700 / 400 V

Accessories	
10978735	Mitre stop (Jolly table)

Tool recommendation	
34171019	PREMIUM TSU Table saw blade

★★★
PREMIUM

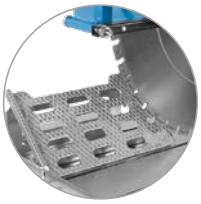
Masonry saw TME1000

Cutting depth up to 380 mm





Large cutting depths to 380 mm possible (with saw blade Ø 1 000 mm)



Precise mitre cutting due to mitre stop



Fork lift guides for easy and secure transport

The TME1000 convinces through maximum stability and robustness. The precise stainless-steel saw table guide guarantees a clean cut. Construction-site suitable leading pulleys, forklift guides and a crane hook ensure trouble-free transport.

The intelligent blade guard construction enables quick and easy blade installation. Servicing requirements are reduced to a minimum due to low-maintenance saw blade drive via a transmission.

System & Accessories

Technical data

Saw blade	
Max. cutting depth	380 mm
Max. saw blade Ø	1 000 mm
Cutting length	660 mm
Saw blade speed	910 rpm
Saw blade holder Ø	60 mm
Carrier Ø	11.5 mm
Reference circle Ø	120 mm

Drive	
Drive / motor	Electric
Output	7.5 kW
Standard voltage / frequency	400 V / 50 Hz
Engine cooling	Air cooling
Saw blade drive	Via gears

Design
Infinitely adjustable cutting depths
Angle cutting function (angle stop)
Mitre cutting function (optional mitre stop)
Transport hook and fork lift guides
Pull-out water tank
Electric water pump

Dimensions & Weight	
Length	1 800 mm
Width	1 030 mm
Height	1 500 mm
Weight	324 kg

System & Accessories

Masonry saw TME1000	
10989800	Masonry saw TME1000 / 400 V

Accessories	
10978735	Mitre stop (Jolly table)

Tool recommendation	
34171031	PREMIUM TSU Table saw blade

★★★
PREMIUM

Cellular concrete band saw TBS510

Cutting height up to 510 mm

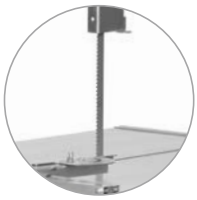




Fast, simple saw band replacement thanks to quick-release fastener



Automatic saw band shutdown ensures no unnecessary load on the saw band



Constant and optimum saw band tension for excellent cutting accuracy and long life time

The TBS510 cellular concrete band saw is designed for the machining of cellular concrete and all kinds of bricks. The ideally sized saw band rollers guarantee durability and the automatic saw band tensioning system enables consistent band tension for exceptional cutting accuracy and reduced risk of fracture on the saw band. A particular feature is the low need for maintenance ensured due to the direct drive of the saw band wheels. Cuttings are removed freely thanks to the large opening in the lower saw roller box.

System & Accessories

Technical data

Cutting height	510 mm
Cutting length	700 mm
Saw band length	3 750 mm
Saw rollers Ø	500 mm
Bar / saw band outlet	490 mm
Max. load bearing capacity of saw bench	50 kg

Drive

Motor	Electric
Power	1.5 kW / 230 V
Current consumption	12.5 A

Dimensions & weight

Max. saw bench dimensions	920 / 710 mm
Length	1 080 mm
Width	750 mm
Height	1 840 mm
Weight	173 kg

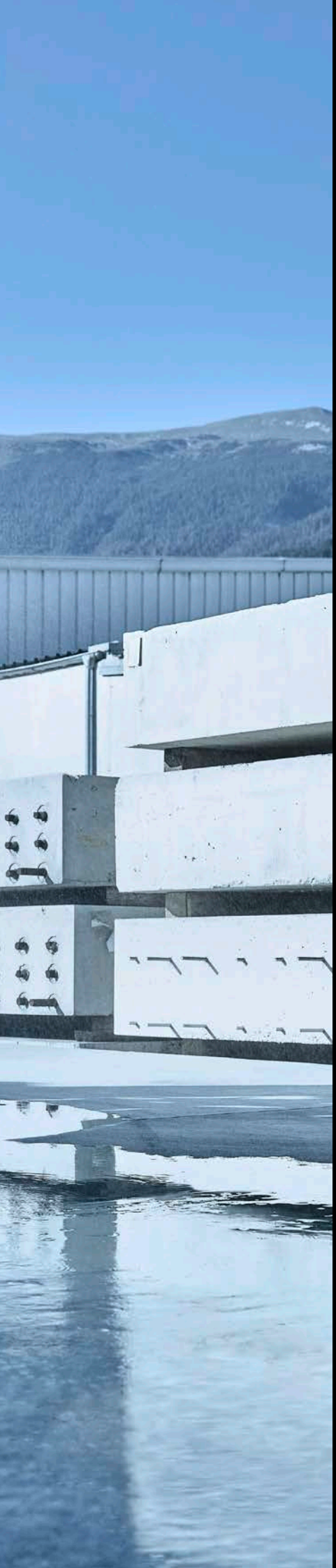
System & Accessories

Cellular concrete band saw TBS510	
11000101	Cellular concrete band saw / 230 V, incl. saw band

Tool recommendation

34453058	HM saw band, length 3,750 x 27 mm, 3 teeth/inch





Floor sawing

Information	**88**
Floor saw blades	**90**
For cured concrete	90
For asphalt	94
For green concrete	98
Machines	**102**



Floor saw blades

Decades of experience in the production and application of floor saws and machines give TYROLIT the edge in the marketplace. As a result, our products can be seen as innovative solutions for large-scale projects while remaining cost-effective for everyday construction site use.

TYROLIT floor saw blades are designed to work perfectly with TYROLIT Hydrostress machines as well as all common floor saws.

+ Exceptional and consistent cutting performance coupled with a long service life
+ Universal use
+ Innovative diamond segment design
+ Quiet when working on reinforced concrete
+ Clean cutting edges
+ Large product range: diameters from 300–1 200 mm in various segment widths

Colour indication

	Concrete	Asphalt
Low Power (≤15 kW)		
Medium Power (>15–25 kW)		
High Power		
Extreme high Power		

Application recommendation

Choosing the correct floor saw blade

Performance Level	Type	Machine		Material								
		Shaft-drive		Cured concrete				Green concrete			Asphalt	
		B/D	EL/HYD	Very hard	Hard	Medium	Soft	Very hard	Hard	Medium/Soft	Hard	Medium/Soft
★★★ PREMIUM	**FSA**	L	L							○	○	●
	FSC	L	L	○	◑	●	●					
	FSL-C	L/M	L	○	●	●	◑					
	FSM-C	M/H	M	○	◑	●	●					
	FSL-A	L/M	L							○	◑	●
	FSA+C	L	L			○	○		○	○	○	●
★ BASIC	**FSA**	L	L				○			○	○	●
	FSU	L	L	○	◑	●	●					

Machine

Power		
Low	L	≤15 kW
Medium	M	15–25 kW
High	H	25–50 kW
Very high	X	>50 kW

Shaft-drive	
EL	Electric
HYD	Hydraulic
B*	Petrol
D*	Diesel

Material

Aggregates	
Very hard	Flint
Hard	Quartz
Medium	Granite
Soft	Limestone

Suitability

Optimal	●
Good	◑
Acceptable	○
Not suitable	

** with V-belt drive*

Service

+ Bores and drive holes for special machines are available on request
+ Larger diameters are available on request

Information / Recommendations

+ Optimum application conditions / peripheral speed

Asphalt		55–60 m/s
Cured concrete	soft aggregates with little reinforcement	40–50 m/s
Cured concrete	hard aggregates	35–45 m/s
Green concrete		50–55 m/s

+ The safety and operating instructions sent with the machine must be observed at all times when using floor saws. The safety manual will be sent to you on request.

★★★
PREMIUM

FSL-C Floor saw blade

for cured concrete | 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.



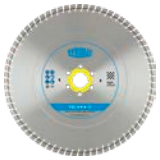
+ **Very long lifetime.**

Machines up to 15 kW | soft to very hard aggregates. Details: Laser welded up to a diameter of 1 200 mm. Special segment shape with a protective function to guard against premature steel blade wear in the contact zone – (undercutting-effect).

★★★
PREMIUM

FSL-C Floor saw blade

for cured concrete | in TGD®-Technology

	Shape		Type number	Dimension	Driving bore	Segment height
		C77W	620570	350×3.2×25.4		10
			620571	350×3.9×25.4		10
			612893	450×3.9×25.4		10
			613264	450×4.4×25.4		10
			613271	500×3.9×25.4		10
			613272	600×3.9×25.4		10
			638179	600×3.9×25.4	7M23	10
			648205	600×3.9×60/25.4		10
			613273	600×4.4×25.4		10
			615335	600×5×25.4		10
			103020	650×3.9×25.4		10
			613274	700×3.9×25.4		10
			615338	700×4.4×25.4		10
			613276	800×3.9×25.4		10
			615339	800×4.4×25.4		10

7M174: Cedima/Lissmac: 6 bores with 14 mm diameter on 120 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle
7M23: Wakra: 6 bores with 7.4 mm diameter on 92 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle

▶

● *= low* ● *= medium* ● *= high* ● *= extreme high power*

◀

Shape	Type number	Dimension	Driving bore	Segment height
	615340	900×4.4×25.4		10
	615341	1000×4.4×25.4		10
	646183	1200×4.4×35/25.4	7M174	10

★★★ PREMIUM

FSM-C Floor saw blade | Cured concrete

for cured concrete | in TGD®-Technology

Machines up to 25 kW | hydraulic drives up to 50 kW | soft to very hard aggregates. Details: Laser welded up to a diameter of 1 200 mm. Special segment shape with a protective function to guard against premature steel blade wear in the contact zone – (undercutting-effect).



Shape	Type number	Dimension	Driving bore	Segment height
C77W	620572	350×3.2×25.4		10
	620573	350×3.9×25.4		10
	739750	350×3.9×35/25.4	7M174	10
	615342	450×3.9×25.4		10
	653498	450×3.9×35/25.4	7M174	10
	613277	450×5×25.4		10
	631830	450×5×35/25.4	7M174	10
	613280	500×3.9×25.4		10
	613284	600×3.9×25.4		10
	613285	600×4.4×25.4		10
	613286	600×5×25.4		10
	624783	600×5×35/25.4	7M174	10
	613287	700×3.9×25.4		10
	615343	700×4.4×25.4		10
	643676	700×4.4×35/25.4	7M174	10
	613288	800×4.4×25.4		10
	621887	800×4.4×35/25.4	7M174	10
	34167502	800×5×25.4		10
	613289	900×4.4×25.4		10
	613291	1000×4.4×25.4		10
	633953	1000×4.4×35/25.4	7M174	10
	620575	1200×4.4×25.4		10

★★★ PREMIUM

FSC Floor saw blade

for cured concrete

Machines up to 15 kW | soft to medium-hard aggregates. Details: Laser welded up to a diameter of 800 mm. Equipped with measuring bore for easy wear control of the segment height.

A 35–25.4 mm reduction bush is supplied for saw blades with a 35 mm bore.



Shape	Type No.	Dimension	Segment height
C7W	574853	300×3.2×25.4	12
	574854	350×3.2×25.4	12
	574855	400×3.2×25.4	12
	574856	450×3.6×25.4	12
	574857	500×3.6×25.4	12
	574858	600×3.6×25.4	12
	34237521	700×3.6×35/25.4	12
	34237523	800×3.9×35/25.4	12

★★★
PREMIUM

FSL-A Floor saw blade

for asphalt

+ **Consistently fast cutting performance, long lifetime** using wide spacing.



+ **Inclined protective segments** to guard against premature steel blade wear in the contact zone – (undercutting-effect).

Machines up to 25 kW | soft to very hard aggregates. Details: Laser-welded up to a diameter of 800 mm. With protective segments to guard against premature steel blade wear in the contact zone – (undercutting-effect).

A 35–25.4 mm reduction bush is supplied for saw blades with a 35 mm bore. Suitable for renovation, controlled demolition and demolition of roads, highways, airports, bridges and industrial buildings. Also for removing damaged concrete ceilings and for ceiling breakthroughs up to a thickness of 50 cm. An extremely fast cutting feed, a very long service life and a low cutting pressure, which protects the machine, characterize the tools.

★★★
PREMIUM

FSL-A Floor saw blade
for asphalt

	Shape		Type number	Dimension	Segment height
		C7SW	620541	350×3.2×25.4	11
			620542	400×3.2×25.4	11
			620544	450×3.6×25.4	11
			621163	450×5×35/25.4	11
			599004	500×3.6×25.4	11
			620558	600×3.6×25.4	11
			621164	600×5×35/25.4	11
			34237486	700×4.7×35/25.4	11
			34237487	800×4.7×35/25.4	11
		C1S	620553	900×4.7×35/25.4	11
			620555	1000×4.7×35/25.4	11
			620556	1200×4.7×35/25.4	11

7M174: Cedima/Lissmac: 6 bores with 14 mm diameter on 120 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle
7M23: Wakra: 6 bores with 7.4 mm diameter on 92 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle

○ *= low* ● *= medium* ● *= high*

★★★ PREMIUM

FSA Floor saw blade
for asphalt

Machines up to 15 kW | soft to very hard aggregates. Details: laser welded up to a diameter of 800 mm. with protective segments to guard against premature steel blade wear in the contact zone – (undercutting-effect) and measuring bore for easy wear control of the segment height.
A 35–25.4 mmreduction bush is supplied for saw blades with a 35 mm bore.



Shape		Type number	Dimension	Segment height
	C7SW	574838	300×3.2×25.4	9
		574844	350×3.2×25.4	9
		574845	400×3.2×25.4	9
		574846	450×3.6×25.4	9
		574848	500×3.6×25.4	9
		574850	600×3.6×25.4	9
		34237480	700×4.2×35/25.4	9
		34237482	800×4.2×35/25.4	9

★ BASIC

FSA Floor saw blade
for asphalt

Materials able to be machined: Asphalt, sandstone, extremely abrasive materials. Details: Protective segments against the undercutting-effect.



Shape		Type number	Dimension	Segment height
	C1SW	34546444	450×3.6×25,4	10
		34573482	500×3.6×25,4	10

★★★ PREMIUM

FSA+C Floor saw blade
for asphalt & concrete

Machinable materials: asphalt, green concrete with soft to hard material aggregates and a small amount of cured concrete. Details: Protective segments against the undercutting-effect.



Shape		Type number	Dimension	Segment height
	C7SW	34527692	450×3.6×25,4	10
		34573481	500×3.6×25,4	10

★ BASIC

FSU Floor saw blade
for universal building materials

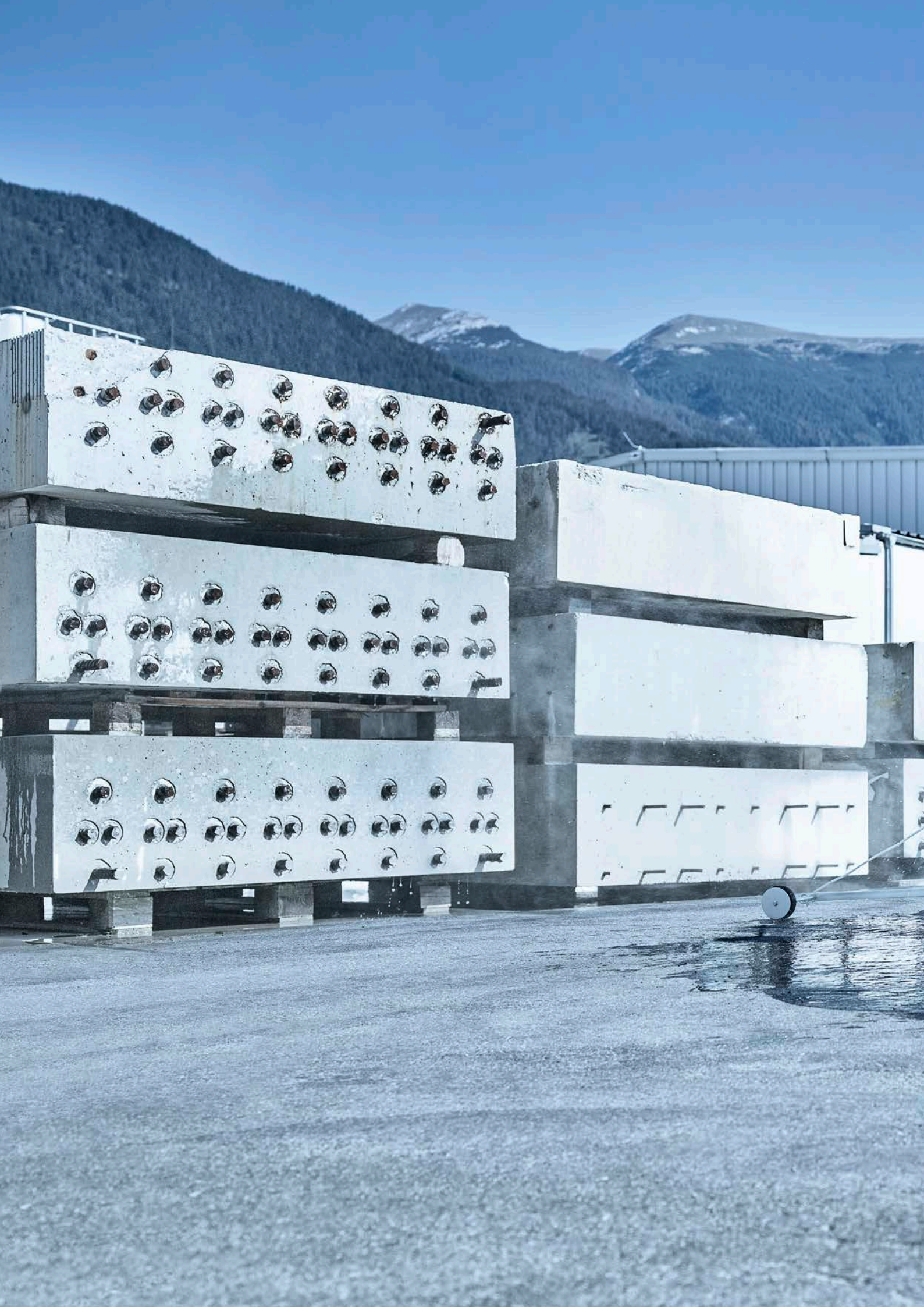
Materials able to be machined: Universal building materials, such as concrete, clay brick, natural stone, etc.



Shape		Type number	Dimension	Segment height
	C3W	34546443	450×3.6×25,4	10
		34573300	500×3.6×25,4	10

7M174: Cedima/Lissmac: 6 bores with 14 mm diameter on 120 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle
7M23: Wakra: 6 bores with 7.4 mm diameter on 92 mm pitch circle plus 1 bore 11.5 mm on 57.4 mm pitch circle

○ *= low* ● *= medium* ● *= high*




TYROLIT
96

★★★
PREMIUM

Floor saw FSG513

Cutting depth up to 195 mm





User-friendly cutting depth setting and convenient speed control



Optimised centre of gravity above the shaft



Universal field of application with left and right cutting function

Thanks to its extremely robust, high-quality chassis, the FSG513 is highly robust and flexible thanks to the left- and right-handed as well as corner flush cutting functions. The reliable Honda petrol engine is equipped with a cyclone air filter.

System & Accessories

Saw blade

Saw blade	
Max. cutting depth	195 mm
Max. saw blade Ø	500 mm
Saw blade speed	2 600 rpm
Saw blade uptake Ø	25.4 mm
Carrier Ø	11.5 mm
Reference circle Ø	57.4 mm

Drive	
Drive / motor	Petrol
Type	Honda
Power	8.2 kW / 11 HP
Fuel	Lead free
Fuel tank	6.1 l
Engine cooling	Air cooling
Feed	Manual
Blade drive	Via V-belt

Design
Manual, cutting depth adjustment via spindle
Cutting depth indicator
Tool cooling using water fork
Left and right hand cutting function
Flush corner cut function
25 l water tank

Dimensions & Weight	
Length	1 136 mm
Width	578 mm
Height	1 016 mm
Weight	115 kg

System & Accessories

Floor saw FSG513	
10988800	Floor saw FSG513 incl. water tank kit

Accessories	
11004545	Operating hours counter (Feed kit)

★★
STANDARD

Floor saw FSG620

Cutting depth up to 230 mm





Exceptionally easy handling due to neatly arranged control panel



Controlled work thanks to digital operating hours counter and reliable petrol gauge



Blade guard side change in just a few steps

Thanks to its intelligent weight distribution, the FSG620 provides for excellent cutting behaviour and the left- and right-handed cutting function enhances flexibility.

System & Accessories

Saw blade

Saw blade	
Max. cutting depth	230 mm
Max. saw blade Ø	600 mm
Saw blade speed	2 120 rpm
Saw blade holder Ø	25.4 mm
Carrier Ø	11.5 mm
Reference circle Ø	57.4 mm

Drive	
Drive / motor	Petrol
Type	Honda
Output	13 kW / 18 PS
Fuel	Lead free
Fuel tank	7.6 l
Engine cooling	Air cooling
Feed	Hydraulic
Blade drive	Via V-belt
Feed speed	0–24 m/min

Design
Manual, stepless cut depth setting via a spindle
Tool cooling using water fork
Left / right cutting function
25 l water tank

Dimensions & Weight	
Length	840 mm
Width	580 mm
Height	1 030 mm
Weight	184 kg

System & Accessories

Floor saw FSG620	
10984041	Floor saw FSG620

Accessories	
10984389	Green concrete kit with 350 mm blade guard and transformation set (3 000 rpm)

★★★
PREMIUM

Floor saw FSE811

Cutting depth up to 320 mm





Transmission guarantees optimum cutting speeds



Left and right cutting



Maintenance free belt drive

Perfectly suited for indoor use, the floor saw FSE811 has also been especially designed for locations that are difficult to access and allows a quick and easy change from left to right cutting. Additionally, this saw features a smooth cutting depth adjustment using a precise and protected spindle.

System & Accessories

Saw blade

Saw blade	
Max. cutting depth	320 mm
Max. saw blade Ø	800 mm
Saw blade speed	1 250 rpm
Saw blade holder Ø	25.4 mm
Carrier Ø	11.5 mm
Reference circle Ø	57.4 mm

Drive	
Drive / motor	Electric
Output	7.5 kW
Voltage / frequency	400 V / 50 Hz
Engine cooling	Air cooling
Feed	Manual
Blade drive	Via V-belt

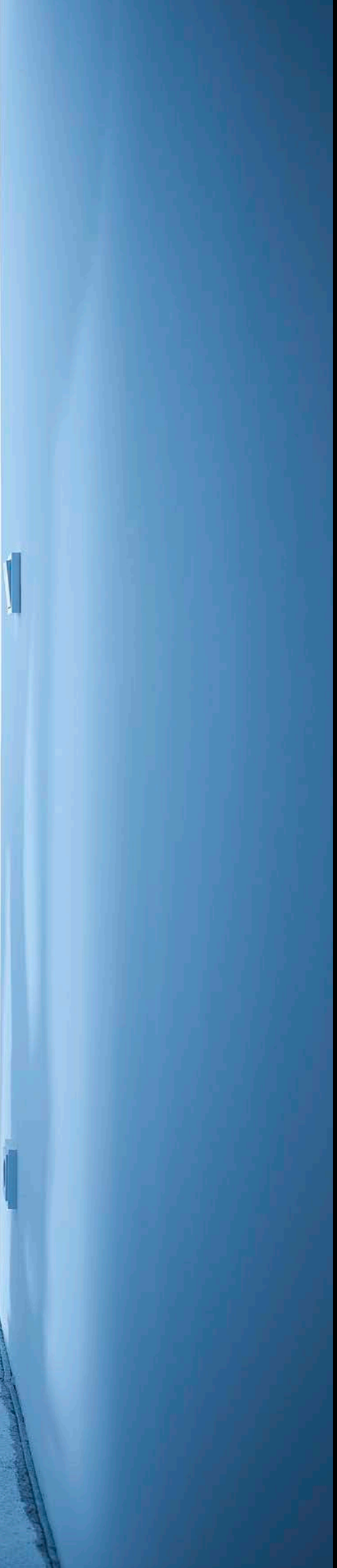
Design
Manual, cutting depth adjustment via spindle
Cutting depth indicator
Tool cooling using function
Left / right cutting function
Corner flush cutting function

Dimensions & Weight	
Length	1 100 mm
Width	600 mm
Height	980 mm
Weight	158 kg

System & Accessories

Floor saw FSE811	
10992000	Floor saw FSE811





Core drilling

Wet drilling	**107**
Information	106
Diamond wet drill bits	110
Accessories	121
Dry drilling	**123**
Information	124
Diamond dry drill bits	128
Accessories	133
Tile drilling	**137**
Tile drills	138
Tile drill sets	140
Core drill systems	**143**
Selecting guide for core drill systems	144
Machines	148


TYROLIT
HYDROSTRESS



Diamond wet drill bits



Drill bits
for wet drilling

Decades of experience in the production and application of core drill bits and core drill systems 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 suitable for drilling reinforced or normal concrete. Can be operated on a drill rig or hand-held. Tyrolit core drill bits are designed to work perfectly with Tyrolit Hydrostress machines.

TGD®-Technology

The Tyrolit GRAIN DISTRIBUTION achieves a constant and high cutting performance due to optimum diamond grain distribution.



TGD®
TECHNOLOGY

HOHL1	TGD® segments
HOHL1D	Conventional segments with roof shape
HOHL2	Thin-walled wet drill bits with segments set in the carrier
HOHL3	Ring segment - to diameter 42 mm
HOHLT	Diamond dry drill bits

Speeds

Diameter	Speed		Drive power
	Concrete (2.0–4.5 m/s)		
mm	rpm		kW
10	3.810	max. 4000	1
12	3.180	max. 4000	
14	2.720	max. 4000	
15	2.540	max. 4000	
16	2.380	max. 4000	
18	2.120	max. 4000	
20	1.900	max. 4000	
22	1.730	3.900	
32	1.190	2.680	
42	900	2.040	
47	810	1.820	2
52	730	1.650	
57	670	1.500	
62	610	1.380	
67	570	1.280	
72	530	1.190	
77	490	1.110	
82	460	1.040	
92	410	930	
102	370	840	
112	340	760	
117	320	730	
122	310	700	
127	300	670	
132	280	650	
138	270	620	3
142	260	600	
152	250	560	
162	230	530	
172	220	490	
182	200	470	
186	200	460	
192	190	440	
202	180	420	>4
212	180	400	
225	160	380	
250	150	340	
300	120	280	
350	100	240	
400	95	210	
450	85	190	
500	75	170	
600	65	140	
700	55	120	
800	50	100	
900	40	90	
1000	40	80	
1500	25	50	

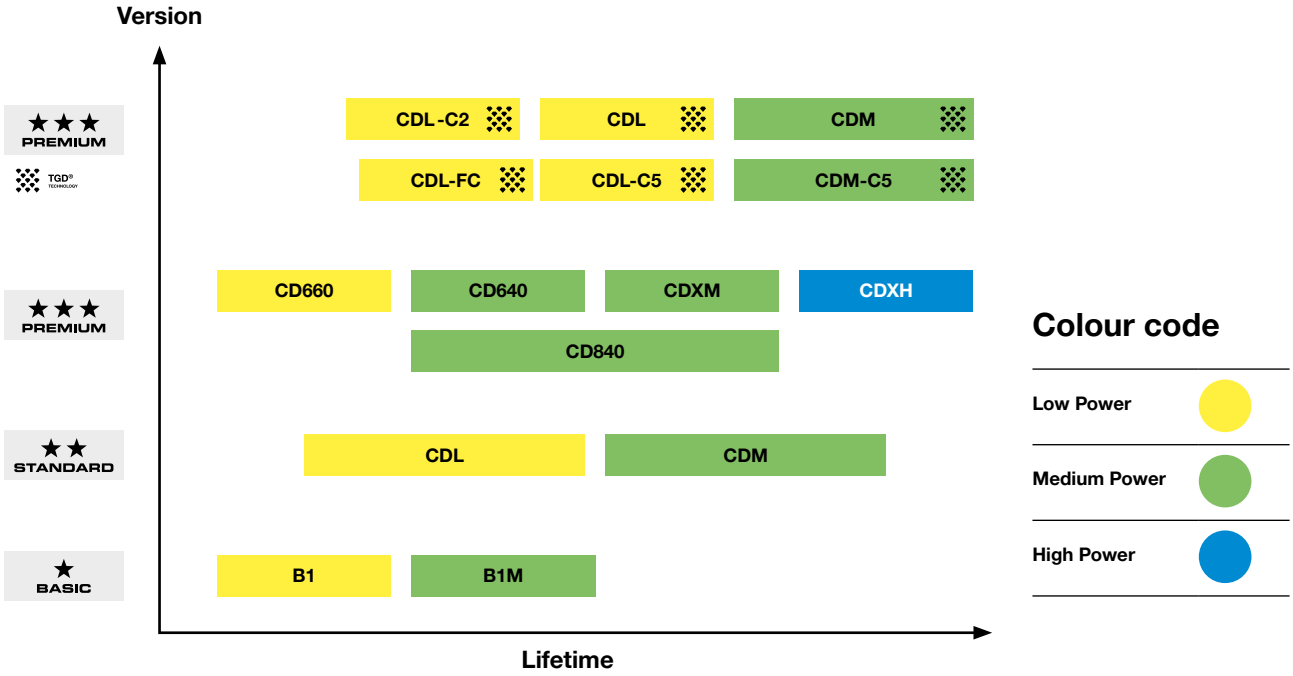
Service

+ Products for concrete (asphalt, masonry, steel and special applications on request)
+ Mountings and connection threads 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 construction sites

Information / Recommendations

+ Highest levels of performance at peripheral speeds of 2 - 4.5 m/s on concrete (1.5 - 3 m/s on reinforced concrete, 4 - 4.5 m/s on very abrasive materials)
+ For core drills with a diameter of 400 mm or more, we recommend to use the drill flange GR-F. The core drill program with GR-F flange is available on request (1¼"-4L = the combination GR-F with 1¼" adapter)
+ The correct drill rig mounting is essential
+ The correct coolant quantity is also important for the optimum drilling performance (“milky” consistency of the 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

Product life
Tyrolit wet drill bits



Segment overview
Wet drilling



TECHNOLOGY

TGD® – optimum diamond grain distribution
PREMIUM CDL-C2, CDL-C5, CDL-FC, CDL, CDM-C5, CDM



EFFICIENCY

Ideal working results
PREMIUM CDXH, CDXM
STANDARD CDL, CDM
BASIC B1



CUTTING PERFORMANCE

High cutting ability through U-cuts
PREMIUM CD840, CD640, CD660
BASIC B1M

Application recommendation
Tyrolit wet drill bits

Material properties

Performance Level	Specification	Aggregates				Abrasiveness			Reinforcement		
		soft	medium	hard	very hard	low	medium	high	low	medium	high
★★★ PREMIUM	**CDL-C2** TGD®	●	◑	○		◑	●	◑	●	●	◑
	CDL-C5 TGD®	●	●	○		○	●	●	●	●	
	CDL-FC TGD®	●	●			●	●	○	●	●	
	CDL TGD®	●	●	◑	○	◑	●	●	●	●	◑
	CDM-C5 TGD®		●	●	●		●	●	◑	●	●
	CDM TGD®	◑	●	●	◑	○	●	●	◑	●	●
	CDXH	○	◑	●	●		○	●	◑	●	●
	CDXM	◑	●	●	●	○	◑	●	◑	●	●
	CD640	◑	●	●	●	○	◑	●	◑	●	●
	CD660	●	●	◑	○	◑	●	◑	●	◑	
	CD840	●	●	◑	○	○	●	●	●	●	◑
★★ STANDARD	**CDL**	◑	◑	○		○	◑	◑	◑	○	
	CDM	○	◑	●	●		○	●	◑	●	●
★ BASIC	**B1**	●	◑	◑		◑	◑	○	◑	○	
	B1M	●	●	◑		○	●	○	●	●	○
		Limestone Granite	Quartz Granite	Rhine gravel Danube gravel	Flint						

Machine power

Performance Level	Specification	Machine power			Speed		
		low	medium	high	low	medium	high
★★★ PREMIUM	**CDL-C2** TGD®	●	◑			◑	●
	CDL-C5 TGD®	●	●	○	○	●	●
	CDL-FC TGD®	●	●	○	○	●	●
	CDL TGD®	●	●	○	○	●	●
	CDM-C5 TGD®	○	●	●	●	●	○
	CDM TGD®	○	●	●	●	●	◑
	CDXH	○	◑	●	◑	●	○
	CDXM	◑	●	◑	○	●	◑
	CD640	◑	●	◑	○	●	◑
	CD660	●	◑			◑	●
	CD840	◑	●	●	◑	●	●
★★ STANDARD	**CDL**	◑	◑	○	○	◑	◑
	CDM	○	◑	●	◑	●	○
★ BASIC	**B1**	◑	◑		○	◑	◑
	B1M	○	●	○	○	●	●

Suitability

Optimal	●
Good	◑
Acceptable	○
Not suitable	

★★★
PREMIUM

CDL Wet drill bits

for reinforced concrete | in TGD®-Technology (from Ø 47 mm)

+ **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.



+ **Very long lifetime.**

Drill motors low power | soft to medium-hard concrete aggregates. Quality tools for the most demanding applications and maximum economic efficiency. Excellent and consistent performance, universal use and smooth core removal. Segmented drill from Ø 47 mm with TGD® Technology and segment height of 11.3 mm. Laser welded segments up to a Ø 300 mm for maximum safety.

★★★
PREMIUM

CDL Wet drill bits

for reinforced concrete | in TGD®-Technology (from Ø 47 mm)

		Type no.	Dimension	Segment height
	HOHL3	34574089	10 × 500 × R½"	7
		497349	12 × 400 × R½“	7
		854317	14 × 400 × R½"	7
		474990	15 × 400 × R½"	7
		474991	16 × 400 × R½"	7
		474993	18 × 400 × R½"	7
		474995	20 × 400 × R½"	7
		474997	22 × 400 × R½"	7
		475000	24 × 400 × R½"	7
		475009	25 × 400 × R½"	7
		572496	26 × 400 × R½"	7
		475010	28 × 400 × R½"	7
		475011	30 × 400 × R½"	7
		475012	32 × 400 × R½"	7
		500072	35 × 450 × R½"	7
		475014	37 × 450 × R½"	7
		475015	40 × 450 × R½"	7
		475016	42 × 450 × R½"	7

● = *low*

▶

◀



		Type no.	Dimension	Segment height
	HOHL1	34178733	47 × 450 × 1¼"	11.3
		34067834	52 × 450 × 1¼"	11.3
		34170724	57 × 450 × 1¼"	11.3
		34159556	62 × 450 × 1¼"	11.3
		34067836	67 × 450 × 1¼"	11.3
		34178734	72 × 450 × 1¼"	11.3
		34017777	82 × 450 × 1¼"	11.3
		34018473	92 × 450 × 1¼"	11.3
		34018475	102 × 450 × 1¼"	11.3
		34018477	107 × 450 × 1¼"	11.3
		34018478	112 × 450 × 1¼"	11.3
		34018480	117 × 450 × 1¼"	11.3
		34018511	122 × 450 × 1¼"	11.3
		34018513	127 × 450 × 1¼"	11.3
		34018514	132 × 450 × 1¼“	11.3
		34018517	142 × 450 × 1¼“	11.3
		34017778	152 × 450 × 1¼"	11.3
		34018520	162 × 450 × 1¼"	11.3
		34018523	172 × 450 × 1¼"	11.3
		34018525	182 × 450 × 1¼"	11.3
		34018528	192 × 450 × 1¼"	11.3
		34017779	202 × 450 × 1¼"	11.3
		34018530	212 × 450 × 1¼"	11.3
		34028433	225 × 450 × 1¼"	11.3
		34018533	250 × 450 × 1¼"	11.3
		711267	300 × 450 × 1¼"	11.3
		711268	350 × 450 × 1¼"	11.3
For core drills with a diameter of 400 mm or more, we recommend to use the drill flange GR-F. The core drill program with GR-F flange is available on request.		711269	400 × 450 × 1¼"	11.3
		711270	450 × 450 × 1¼"	11.3
		711272	500 × 450 × 1¼"	11.3
		34072174	52 × 500 × PIXIE	11.3
		34072175	62 × 500 × PIXIE	11.3
		34072176	72 × 500 × PIXIE	11.3
		34018370	82 × 500 × PIXIE	11.3
		34018474	92 × 500 × PIXIE	11.3
		34018476	102 × 500 × PIXIE	11.3
		34018479	112 × 500 × PIXIE	11.3
		34018512	122 × 500 × PIXIE	11.3
		34018515	132 × 500 × PIXIE	11.3
		34018516	138 × 500 × PIXIE	11.3
		34018518	142 × 500 × PIXIE	11.3
		34018519	152 × 500 × PIXIE	11.3
		34018521	162 × 500 × PIXIE	11.3
		34018524	172 × 500 × PIXIE	11.3
		34018526	182 × 500 × PIXIE	11.3
		34018527	186 × 500 × PIXIE	11.3
		34018529	202 × 500 × PIXIE	11.3
		34018531	226 × 500 × PIXIE	11.3
		34018534	250 × 500 × PIXIE	11.3

● = *low*

★★★ PREMIUM

CDL-C2 Wet drill bits

for reinforced concrete | in TGD®-Technology (from Ø 82 mm)

Drill motors low power | soft to medium-hard concrete aggregates. Quality tools for the most demanding applications and maximum economic efficiency. Excellent and consistent performance, universal use and smooth core removal. Segmented drill from Ø 82 mm with TGD®-Technology and segment height of 11.3 mm. Laser welded segments up to a Ø 300 mm for maximum safety.

	Type no.	Dimension	Segment height
 HOHL1	34018536	82 × 500 × PIXIE	11.3
	34018538	92 × 500 × PIXIE	11.3
	34018539	102 × 500 × PIXIE	11.3
	34018542	107 × 500 × PIXIE	11.3
	34018543	112 × 500 × PIXIE	11.3
	34018544	122 × 500 × PIXIE	11.3
	34018546	127 × 500 × PIXIE	11.3
	34018547	132 × 500 × PIXIE	11.3
	34018549	138 × 500 × PIXIE	11.3
	34018550	142 × 500 × PIXIE	11.3
	34018551	152 × 500 × PIXIE	11.3
	34018553	162 × 500 × PIXIE	11.3
	34018554	172 × 500 × PIXIE	11.3
	34018555	182 × 500 × PIXIE	11.3
	34018556	186 × 500 × PIXIE	11.3
	34018557	202 × 500 × PIXIE	11.3
	34018559	226 × 500 × PIXIE	11.3
	34018560	250 × 500 × PIXIE	11.3
	34018537	82 × 450 × 1¼"	11.3
	34018540	102 × 450 × 1¼"	11.3
	34018545	122 × 450 × 1¼"	11.3
	34018548	132 × 450 × 1¼"	11.3
	34018552	152 × 450 × 1¼"	11.3
	34018558	202 × 450 × 1¼"	11.3
	34018561	250 × 450 × 1¼"	11.3

★★★ PREMIUM

CDM Wet drill bits

for reinforced concrete | in TGD®-Technology (from Ø 82 mm)

Drill motors medium power | medium-hard to hard concrete aggregates. Quality tools for the most demanding applications and maximum economic efficiency. Excellent and consistent performance, universal use and smooth core removal. Segmented drill from Ø 82 mm with TGD®-Technology and segment height of 11.3 mm. Laser welded segments up to a Ø 300 mm for maximum safety.

	Type no.	Dimension	Segment height
 HOHL1D	606482	47 × 450 × 1¼"	8.5
	606527	52 × 450 × 1¼"	8.5
	606530	57 × 450 × 1¼"	8.5
	606485	62 × 450 × 1¼"	8.5
	606536	67 × 450 × 1¼"	8.5
	606541	72 × 450 × 1¼"	8.5

● = low ● = medium

▶

◀

		Type no.	Dimension	Segment height
	HOHL1	34223152	77 × 450 × 1¼"	11.3
		34018562	82 × 450 × 1¼"	11.3
		34018564	92 × 450 × 1¼"	11.3
		34018566	102 × 450 × 1¼"	11.3
		34018568	107 × 450 × 1¼"	11.3
		34018569	112 × 450 × 1¼"	11.3
		34018571	117 × 450 × 1¼"	11.3
		34018572	122 × 450 × 1¼"	11.3
		34018574	125 × 450 × 1¼"	11.3
		34018575	127 × 450 × 1¼"	11.3
		34018576	132 × 450 × 1¼"	11.3
		34018579	142 × 450 × 1¼"	11.3
		34018584	152 × 450 × 1¼"	11.3
		34018587	162 × 450 × 1¼"	11.3
		34018589	172 × 450 × 1¼"	11.3
		34018601	182 × 450 × 1¼"	11.3
		34018604	192 × 450 × 1¼"	11.3
		34018605	202 × 450 × 1¼"	11.3
		34018607	212 × 450 × 1¼"	11.3
		34018608	225 × 450 × 1¼"	11.3
		34018610	250 × 450 × 1¼"	11.3
		711343	300 × 450 × 1¼"	11.3
		711344	350 × 450 × 1¼"	11.3
		711347	400 × 450 × 1¼"	11.3
		711348	450 × 450 × 1¼"	11.3
		711349	500 × 450 × 1¼"	11.3

★★★ PREMIUM

CDXH Wet drill bits
for reinforced concrete

Drill motors high power | hard to very hard concrete aggregate. Quality tools for the most demanding applications and maximum cost efficiency. Universal use and smooth core removal.

Segment height of 11.3 mm for a long lifetime. Laser-welded segments up to Ø 300 mm for maximum safety.

		Type no.	Dimension	Segment height
	HOHL1D	34196019	52 × 450 × 1¼"	11.3
		34196061	57 × 450 × 1¼"	11.3
		34196063	62 × 450 × 1¼"	11.3
		34196069	72 × 450 × 1¼"	11.3
		34167000	82 × 450 × 1¼"	11.3
		34167261	92 × 450 × 1¼"	11.3
		34167263	102 × 450 × 1¼"	11.3
		34167267	112 × 450 × 1¼"	11.3
		34167281	122 × 450 × 1¼"	11.3
		34167283	127 × 450 × 1¼"	11.3
		34167287	132 × 450 × 1¼"	11.3
		34167292	152 × 450 × 1¼"	11.3
		34167294	158 × 450 × 1¼"	11.3
		34167296	162 × 450 × 1¼"	11.3
		34167302	182 × 450 × 1¼"	11.3
		34167311	202 × 450 × 1¼"	11.3
		34167319	250 × 450 × 1¼"	11.3
		34196074	300 × 450 × 1¼"	11.3

★★★ PREMIUM

CDXM Wet drill bits
for reinforced concrete

Drill motors medium power | medium-hard to very hard concrete aggregate. Quality tools for the most demanding applications and maximum cost efficiency. Universal use and smooth core removal.

Segment height of 11.3 mm for a long lifetime. Laser-welded segments up to Ø 300 mm for maximum safety. Pre-drilling segments on request. With segment widths up to 7.5 mm.

		Type no.	Dimension	Segment height
	HOHL1D	34331923	47 × 450 × 1¼"	11.3
		34206525	52 × 450 × 1¼"	11.3
		34331924	57 × 450 × 1¼"	11.3
		34206526	62 × 450 × 1¼"	11.3
		34206527	67 × 450 × 1¼"	11.3
		34206528	72 × 450 × 1¼"	11.3
		34206529	77 × 450 × 1¼"	11.3
		34167814	82 × 450 × 1¼"	11.3
		34167816	87 × 450 × 1¼"	11.3
		34167819	92 × 450 × 1¼"	11.3
		34409913	96 × 450 × 1¼"	11.3
		34167831	102 × 450 × 1¼"	11.3

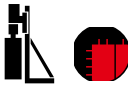
● = *medium* ● = *high*

◀

		Type no.	Dimension	Segment height
	HOHL1D	34167833	107 × 450 × 1¼"	11.3
		34167835	112 × 450 × 1¼"	11.3
		34167837	117 × 450 × 1¼"	11.3
		34167839	122 × 450 × 1¼"	11.3
		34167841	127 × 450 × 1¼"	11.3
		34167843	132 × 450 × 1¼"	11.3
		34167845	142 × 450 × 1¼"	11.3
		34167847	152 × 450 × 1¼"	11.3
		34167849	158 × 450 × 1¼"	11.3
		34167851	162 × 450 × 1¼"	11.3
		34167853	167 × 450 × 1¼"	11.3
		34167855	172 × 450 × 1¼"	11.3
		34167857	182 × 450 × 1¼"	11.3
		34167859	187 × 450 × 1¼"	11.3
		34167861	192 × 450 × 1¼"	11.3
		34167863	202 × 450 × 1¼"	11.3
		34167865	212 × 450 × 1¼"	11.3
		34167867	225 × 450 × 1¼"	11.3
		34167869	240 × 450 × 1¼"	11.3
		34167873	250 × 450 × 1¼"	11.3

★★★ PREMIUM

CD840 Wet drill bits
for reinforced concrete



Drill motors medium power | soft to medium-hard concrete aggregate. Quality tools for the most demanding applications and maximum cost efficiency. Universal use and smooth core removal.

Segment height of 11.3 mm for a long lifetime, segment geometry for a high stock removal rate. Laser-welded segments up to Ø 300 mm for maximum safety.

		Type no.	Dimension	Segment height
	HOHL1D	34235150	82 × 450 × 1¼"	11.3
		34235193	92 × 450 × 1¼"	11.3
		34233042	102 × 450 × 1¼"	11.3
		34235146	107 × 450 × 1¼"	11.3
		34239079	112 × 450 × 1¼"	11.3
		34235690	117 × 450 × 1¼"	11.3
		34239092	122 × 450 × 1¼"	11.3
		34235147	127 × 450 × 1¼"	11.3
		34235149	132 × 450 × 1¼"	11.3
		34239094	142 × 450 × 1¼"	11.3
		34233043	152 × 450 × 1¼"	11.3
		34239095	162 × 450 × 1¼"	11.3
		34239096	172 × 450 × 1¼"	11.3
		34239097	182 × 450 × 1¼"	11.3
		34233045	202 × 450 × 1¼"	11.3
		34239999	212 × 450 × 1¼"	11.3

● = *medium*

▶

CD840 Wet drill bits
for reinforced concrete

★★★ PREMIUM



	Type no.	Dimension	Segment height
HOHL1D	34240000	250 × 450 × 1¼"	11.3
	34240001	300 × 450 × 1¼"	11.3
	34240003	350 × 450 × 1¼"	11.3
	34240004	400 × 450 × 1¼"	11.3
	34240005	450 × 450 × 1¼"	11.3
	34240006	500 × 450 × 1¼"	11.3

CD640 Wet drill bits
for reinforced concrete

★★★ PREMIUM

Drill motors medium power | medium-hard to very hard concrete aggregate. Quality tools for the most demanding applications and maximum cost efficiency. Universal use and smooth core removal.

Segment height of 11.3 mm for a long lifetime, segment geometry for a high stock removal rate. Laser-welded segments up to Ø 300 mm for maximum safety.



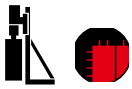
	Type no.	Dimension	Segment height
HOHL1D	34239204	47 × 450 × 1¼"	11.3
	34235195	52 × 450 × 1¼"	11.3
	34239032	57 × 450 × 1¼"	11.3
	34239056	62 × 450 × 1¼"	11.3
	34235196	67 × 450 × 1¼"	11.3
	34239057	72 × 450 × 1¼"	11.3
	34239058	82 × 450 × 1¼"	11.3
	34239059	92 × 450 × 1¼"	11.3
	34233006	102 × 450 × 1¼"	11.3
	34239060	107 × 450 × 1¼"	11.3
	34239071	112 × 450 × 1¼"	11.3
	34239072	122 × 450 × 1¼"	11.3
	34447504	125 × 450 × 1¼"	11.3
	34239073	127 × 450 × 1¼"	11.3
	34239074	132 × 450 × 1¼"	11.3
	34239075	142 × 450 × 1¼"	11.3
	34233007	152 × 450 × 1¼"	11.3
	34239076	162 × 450 × 1¼"	11.3
	34239077	172 × 450 × 1¼"	11.3
	34239078	182 × 450 × 1¼"	11.3
	34233008	202 × 450 × 1¼"	11.3
	34239991	212 × 450 × 1¼"	11.3
	34297991	225 × 450 × 1¼"	11.3
	34239992	250 × 450 × 1¼"	11.3
	34239993	300 × 450 × 1¼"	11.3
	34239994	350 × 450 × 1¼"	11.3

◀

		Type no.	Dimension	Segment height
	HOHL1D	34239995	400 × 450 × 1¼"	11.3
		34239996	450 × 450 × 1¼"	11.3
		34239997	500 × 450 × 1¼"	11.3
		34471403	600 × 450 × 1¼"	11.3

★★★ PREMIUM

CD660 Wet drill bits
for reinforced concrete



Drill motors low power | soft concrete aggregate | high speed. Quality tools for the most demanding applications and maximum cost efficiency. Universal use and smooth core removal.

Segment height of 11.3 mm for a long lifetime, segment geometry for a high stock removal rate. Laser welded segments up to Ø 300 mm for maximum safety.

		Type no.	Dimension	Segment height
	HOHL1D	34239202	47 × 450 × 1¼"	11.3
		34238995	52 × 450 × 1¼"	11.3
		34238996	57 × 450 × 1¼"	11.3
		34238997	62 × 450 × 1¼"	11.3
		34238998	67 × 450 × 1¼"	11.3
		34238999	72 × 450 × 1¼"	11.3
		34239203	75 × 450 × 1¼"	11.3
		34239000	82 × 450 × 1¼"	11.3
		34239011	92 × 450 × 1¼"	11.3
		34233009	102 × 450 × 1¼"	11.3
		34239012	107 × 450 × 1¼"	11.3
		34239013	112 × 450 × 1¼"	11.3
		34239015	122 × 450 × 1¼"	11.3
		34239017	127 × 450 × 1¼"	11.3
		34239021	132 × 450 × 1¼"	11.3
		34239023	142 × 450 × 1¼"	11.3
		34233010	152 × 450 × 1¼"	11.3
		34239027	162 × 450 × 1¼"	11.3
		34239029	172 × 450 × 1¼"	11.3
		34239030	182 × 450 × 1¼"	11.3
		34233012	202 × 450 × 1¼"	11.3
		34239984	212 × 450 × 1¼"	11.3
		34239985	250 × 450 × 1¼"	11.3
		34239986	300 × 450 × 1¼"	11.3
		34239987	350 × 450 × 1¼"	11.3
		34239988	400 × 450 × 1¼"	11.3
		34239989	450 × 450 × 1¼"	11.3
		34239990	500 × 450 × 1¼"	11.3

● = *low*

★★ STANDARD

CDL Wet drill bits
for reinforced concrete

Drill motors low power | soft to medium-hard concrete aggregates.
Details: Quality tools for everyday use. An impressive drilling speed-lifetime ratio. Universal use, lasting quality.

Laser welded segments up to a diameter of 300 mm for maximum safety.



	Type no.	Dimension	Segment height
HOHL3	475019	32 × 400 × R½"	7
	475024	42 × 450 × R½"	7
HOHL1D	34292638	52 × 450 × 1¼"	11.3
	34292640	62 × 450 × 1¼"	11.3
	34292816	72 × 450 × 1¼"	11.3
	34292820	82 × 450 × 1¼"	11.3
	34292821	92 × 450 × 1¼"	11.3
	34292823	102 × 450 × 1¼"	11.3
	34292824	107 × 450 × 1¼"	11.3
	34292826	112 × 450 × 1¼"	11.3
	34292827	122 × 450 × 1¼"	11.3
	34292828	127 × 450 × 1¼"	11.3
	34292829	132 × 450 × 1¼"	11.3
	34292830	142 × 450 × 1¼"	11.3
	34292831	152 × 450 × 1¼"	11.3
	34292832	162 × 450 × 1¼"	11.3
	34292833	182 × 450 × 1¼"	11.3
	34292834	202 × 450 × 1¼"	11.3
	34292835	250 × 450 × 1¼"	11.3

★★ STANDARD

CDM Wet drill bits
for reinforced concrete

Drill motors medium power | medium-hard to hard concrete aggregates.
Details: Quality tools for everyday use. an impressive drilling speed-lifetime ratio. Universal use, lasting quality.

Laser welded segments up to a diameter of 300 mm for maximum safety.



	Type no.	Dimension	Segment height
HOHL1D	34293083	52 × 450 × 1¼"	11.3
	34293087	62 × 450 × 1¼"	11.3
	34293089	72 × 450 × 1¼"	11.3
	34293111	82 × 450 × 1¼"	11.3
	34293115	92 × 450 × 1¼"	11.3
	34293116	102 × 450 × 1¼"	11.3
	34293120	107 × 450 × 1¼"	11.3
	34293122	112 × 450 × 1¼"	11.3
	34293124	122 × 450 × 1¼"	11.3

▶

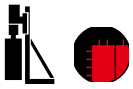
● = low ● = medium

◀

		Type no.	Dimension	Segment height
	HOHL1D	34293125	127 × 450 × 1¼"	11.3
		34293129	132 × 450 × 1¼"	11.3
		34293130	142 × 450 × 1¼"	11.3
		34293132	152 × 450 × 1¼"	11.3
		34293137	162 × 450 × 1¼"	11.3
		34293139	182 × 450 × 1¼"	11.3
		34293140	202 × 450 × 1¼"	11.3
		34293149	250 × 450 × 1¼"	11.3
		34334960	300 × 450 × 1¼"	11.3

★ BASIC

B1 Wet drill bits
for reinforced concrete



Drill motors low power | soft concrete aggregate. Quality tools for everyday use. Segment height of 11.3 mm for improved lifetime.

Laser welded segments up to Ø 300 mm for maximum safety.

		Type no.	Dimension	Segment height
	HOHL1D	34239241	47 × 450 × 1¼"	11.3
		34239244	52 × 450 × 1¼"	11.3
		34239245	57 × 450 × 1¼"	11.3
		34206245	62 × 450 × 1¼"	11.3
		34206246	67 × 450 × 1¼"	11.3
		34239181	72 × 450 × 1¼"	11.3
		34206248	77 × 450 × 1¼"	11.3
		34206249	82 × 450 × 1¼"	11.3
		34239183	92 × 450 × 1¼"	11.3
		34203877	102 × 450 × 1¼"	11.3
		34206261	107 × 450 × 1¼"	11.3
		34206262	112 × 450 × 1¼"	11.3
		34206263	122 × 450 × 1¼"	11.3
		34239093	127 × 450 × 1¼"	11.3
		34206265	132 × 450 × 1¼"	11.3
		34239186	142 × 450 × 1¼"	11.3
		34239187	152 × 450 × 1¼"	11.3
		34206267	162 × 450 × 1¼"	11.3
		34239188	172 × 450 × 1¼"	11.3
		34206269	182 × 450 × 1¼"	11.3
		34239189	202 × 450 × 1¼"	11.3
		34240086	212 × 450 × 1¼"	11.3
		34240087	250 × 450 × 1¼"	11.3

Core drilling

Accessories wet drill bits
Adapter





	Type no.	Machine connection	Tool connection
ADAPT	374035	1¼" Female	R½" Female
	381983	R½" Male	1¼" Male
	462700	HT 1.5 Female	1¼" Male
	681095	HT 2 Female	1¼" Male
	759007	R½" Male	10
	909220	1¼" Female	3-LOCH
	745568	⅝" Male	R½" Male
	34631677	1¼" Female	GR-F

Accessories wet drill bits
Sharpening plates



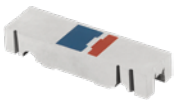
	Type no.	Dimension
SP1	497322	55 × 25 × 320
	484627	160 × 30 × 320
	484672	320 × 55 × 320

Accessories wet drill bits
Carrying handle



Type no.	Connection
34277925	½" / 1¼"

Accessories wet drill bits
Brazing magnets



	Type no.	Dimension	Description
HMAG	529455	56 × 0.75 × 1	0.75 mm until Ø 300 mm 1.00 mm from Ø 300 mm
	529456	56 × 0.5 × 1.25	0.50 for thin walled carrier HOHL2 1.25 for segments > 5.5 mm

Accessories wet drill bits
Extensions

		Type no.	Length	Connection	Detail
	HVERL	378198	100	1¼"	
		359471	200	1¼"	
		749565	200	1¼"	Aluminium
		359472	300	1¼"	
		749570	300	1¼"	Aluminium
		359473	400	1¼"	
		749571	400	1¼"	Aluminium
		359474	500	1¼"	
		909540	500	1¼"	Aluminium
		400439	100	R½"	
		359475	200	R½"	
		359476	300	R½"	
		889232	400	R½"	
		707230	500	R½"	

Accessories wet drill bits
Water liners

		Type number	Connection	Tool connection
	WSPB	478074	SW12	R½"

Diamond dry drill bits





Drill bits
for dry drilling

Decades of experience in the production and application of core drill bits and core drill systems 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 suitable for drilling reinforced or normal concrete. Can be operated on a drill rig or hand-held.

Tyrolit core drill bits are designed to work perfectly with Tyrolit Hydrostress machines.

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 Concrete blocks	Impact drilling recommended (no hammer drills!)	
Hard sand-lime blocks Terrazzo Concrete Lightly reinforced concrete Beton leicht armiert	Impact drilling necessary (no hammer drills!)	

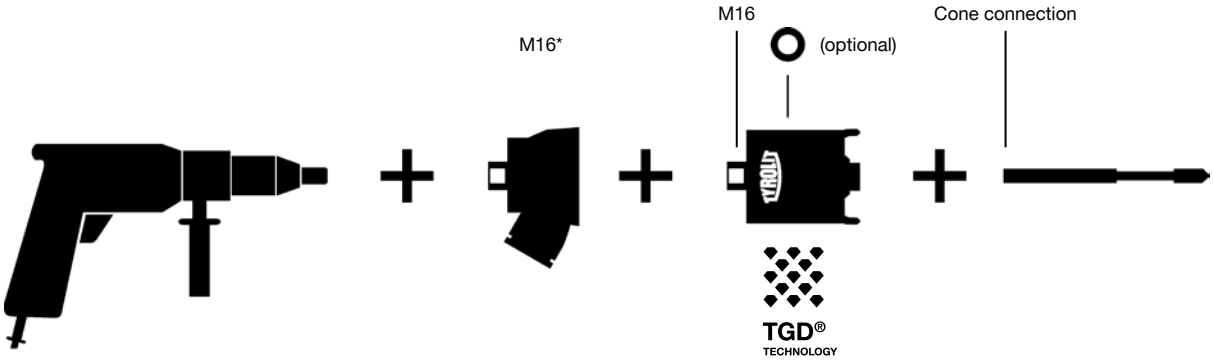
Service

+ 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 percussion drills as it will destroy the tool
+ Observe the safety and user instructions shipped 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 119.*

Dry drilling
in reinforced concrete

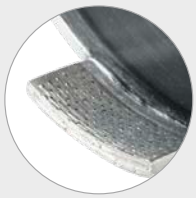
When it comes to dry drilling, the Tyrolit experts know what counts. And our expertise from special projects, such as the safe decommissioning of nuclear power stations, is put to use in the development of our dry drilling product range. The Tyrolit dry drilling system is the first commercial system on the market that ensures easy and cost-efficient drilling in reinforced concrete.

One of a kind

+ Easy operation
+ Clean working without a compressor
+ Inexpensive
+ Excellent results in reinforced concrete

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.

TGD® TECHNOLOGY



★★★
PREMIUM

Drill motor DME19DP

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

System & Accessories

System & Accessories

Drill motor DME19DP	
10988200	Drill motor DME19DP (230V)
10990100	Drill rig DRU160 dry
10995437	Drill bit centring for DRU160
10995156	Dust extraction connection 1/2"
10995087	ModulDrill™ clamping collar adapter plate

Accessories

10995373	Centring spike 450 mm
10997916	Centring spike 250 mm
10995661	Centring blade Ø 52 mm
10995662	Centring blade Ø 62 mm
10995663	Centring blade Ø 68 mm
10995664	Centring blade Ø 72 mm
10995665	Centring blade Ø 82 mm
10995666	Centring blade Ø 92 mm
10995667	Centring blade Ø 102 mm
10995668	Centring blade Ø 112 mm
10995669	Centring blade Ø 122 mm
10995670	Centring blade Ø 127 mm
10995671	Centring blade Ø 132 mm
10995672	Centring blade Ø 142 mm
10995673	Centring blade Ø 152 mm
10995674	Centring blade Ø 162 mm

961955	Adapter ½" > M16
10994032	Adapter 1 ¼" > M16
10983964	Dust extraction adapter M16
10983845	Centring spike 140 mm
10986189	Centring spike 233 mm
10986190	Strap wrench

497322	Sharpening plate
980304	Chisel 300×25 mm
34215616	Abrasive grain for dry drilling
11002426	Dry vacuum cleaner BBS 606 L (230 V)

Accessories

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

★★★
PREMIUM

DDL-RM Dry drill bits

for reinforced concrete | 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.



+ **Very long lifetime.**

In conjunction with the DME19DP drill motor, the dry drill bits in TGD®-Technology are the perfect solution for rig-guided dry drilling applications in reinforced concrete.

★★★
PREMIUM

DDL-RM Dry drill bits

for reinforced concrete | in TGD®-Technology



	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
DDL-RM larger than Ø 162 mm on request	34227730*	162 × 450 × 1¼"	11.3

**reinforced concrete is conditionally recommended*

★★★ PREMIUM

DDL-HH-FAST CUT Dry drill bits

for lightly reinforced concrete & masonry | 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 perfect solution for hand-guided dry drilling applications.



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

★★★ PREMIUM

DDM-HH-FAST CUT Dry drill bits

for lightly reinforced concrete & masonry | 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
HOHLT	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

▶

◀

	Type no.	Dimension	Segment height
	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 impresses in many respects. Now available with an extended length of 280 mm as well as with improved 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"	11.3
		34482399	62 × 280 × 1¼"	11.3
		34482400	68 × 280 × 1¼"	11.3
		34482411	72 × 280 × 1¼"	11.3
		34482412	82 × 280 × 1¼"	11.3
		34482413	92 × 280 × 1¼"	11.3
		34482414	102 × 280 × 1¼"	11.3
		34482415	107 × 280 × 1¼"	11.3
		34482416	112 × 280 × 1¼"	11.3
		34482417	122 × 280 × 1¼"	11.3
		34482418	127 × 280 × 1¼"	11.3
		34482419	132 × 280 × 1¼"	11.3
		34482420	138 × 280 × 1¼"	11.3
		34482431	142 × 280 × 1¼"	11.3
		34482433	152 × 280 × 1¼"	11.3
		34482438	161 × 280 × 1¼"	11.3
		34482439	172 × 280 × 1¼"	11.3
		34482440	182 × 280 × 1¼"	11.3
		34482441	187 × 280 × 1¼"	11.3
		34482442	202 × 280 × 1¼"	11.3
		34626362	225 × 280 × 1¼"	11.3

★★★ 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 distrubtion of grain.



	Type no.	Dimension	Segment height
HOHLT	34418318	52 × 150 × M16	11.3
	34418319	57 × 150 × M16	11.3
	34418373	62 × 150 × M16	11.3
	34418379	68 × 150 × M16	11.3
	34418382	72 × 150 × M16	11.3
	34418317	82 × 150 × M16	11.3
	34209085	92 × 150 × M16	11.3
	34418385	102 × 150 × M16	11.3
	34418390	107 × 150 × M16	11.3
	34418402	112 × 150 × M16	11.3
	34418403	117 × 150 × M16	11.3
	34418544	122 × 150 × M16	11.3
	34418565	127 × 150 × M16	11.3
	34418549	132 × 150 × M16	11.3
	34418561	142 × 150 × M16	11.3
	34418563	152 × 150 × M16	11.3
	34418564	162 × 150 × M16	11.3

★★★ 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

★★ STANDARD

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
	252923	162 × 150 × M16	6.5
	252924	200 × 150 × M16	6.5

★ BASIC

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

Accessories dry drill bits

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	⅝"	M16 Male	Length 100 mm Pilot drill SDS	
	762477	⅝" 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	⅝"	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	⅝"	M16 Male	Length 300 mm	Extension
	718329	⅝"	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 × 100 mm		
	579503	Centering shaft SDS 250 mm	Core drill UL 150 mm	
	762456	Pilot drill 8 × 230 × 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



Tile drilling

★★★
PREMIUM

DDT Tile drills

for tiles and ceramic materials



+ **Maximum drilling comfort**
thanks to optimised moistening of the diamonds with water and easy core removal.

+ **Universal use**
for ceramictiles, fine stoneware and marble slabs.

+ **Fast, accurate drilling**
no edge chipping.

Tyrolit vacuum brazed diamond coring bit for all ceramic tiles, fine stoneware and marble slabs. Maximum drilling comfort, suitable for universal use with M14 connection for angle grinders, and adapter for drilling machines. Suitable for dry and wet drilling. Perfect, chip-free drilling in tiled and sanitary areas.

Tile drilling wet

★★★
PREMIUM

DDT Tile drills
for tiles and ceramic materials





	Type number	Dimension	Segment height
HOHLT	34180136	5×35×HEX	4
	69833	6×35×HEX	4
	69848	8×35×HEX	4
	69855	10×35×HEX	4
	69856	12×35×HEX	4
	69860	14×35×HEX	4
	34562087	16×35×HEX	4



Tile drilling dry

★★★ PREMIUM

DDT Tile drills with paraffin
for tiles and ceramic materials

		Type number	Dimension	Segment height
	HOHLT	34251679	6×35×M14	10
		34251680	8×35×M14	10
		34251711	10×35×M14	10
		34251712	12×35×M14	10
	HOHLT	34393075	5×67×HEX	10
		34393071	6×67×HEX	10
		34393072	8×80×HEX	10
		34393073	10×80×HEX	10
		34393074	12×80×HEX	10
		34393076	14×80×HEX	10

★★★ PREMIUM

DDT Tile drills
for tiles and ceramic materials

		Type number	Dimension	Segment height
	HOHLT	69769	20×45×M14	4
		34214903	25×45×M14	4
		34214904	35×45×M14	4
		69768	38×45×M14	4
		34214905	42×45×M14	4
		69767	52×45×M14	4
		34369203	54×45×M14	4
		69766	65×45×M14	4
		34369204	68×45×M14	4
		51392	75×45×M14	4
		34369205	82×45×M14	4

Accessories tile drill bits
Adapter M14

	Type No.	Machine connection	Pilot drills
	69774	SDS	Pilot drill Konus
	69801	HEX	Pilot drill Konus

Accessories tile drill bits

	Type No.	Product info
	34215847	Drilling aid
	34215846	Water bottle 1 l

Tile drill sets

★★★ PREMIUM

DDT Tile drill-set HEX Ø 5–14
for tiles and ceramic materials

	Type No.	Content
	34215809	Tile drills Ø 5, 6, 8, 10, 12, 14 mm
		Allen key

★★★ PREMIUM

DDT Tile drill-Set HEX Ø 5-14 with paraffin
for tiles and ceramic materials

		Type No.	Content
	HOHLT	34393131	Tile drills Ø 5, 6, 8, 10, 12, 14 mm
			Allen key

★★★ PREMIUM

DDT Tile drill-Set HEX Ø 6+8 with paraffin
for tiles and ceramic materials

		Type No.	Content
	HOHLT	34403124	Tile drills 2 × Ø 6, 2 × Ø 8 mm

★★★ PREMIUM

DDT Tile drill-Kit HEX
for tiles and ceramic materials

	Type No.	Content
	34215843	Tile drills Ø 5, 6, 8, 10, 12, 14 mm
		Water bottle 1 l (Type No. 34215846)
		Drilling aid (Type No. 34215847)
		Allen key

★★★ PREMIUM

DDT Tile drill-set M14 Ø 20+
for tiles and ceramic materials

		Type No.	Content
	HOHLT	34229331	Tile drills Ø 20, 25, 35, 38, 42, 52, 65, 75 mm
			Adapter M14/HEX, M14/SDS
			Allen key
			Pilot drill 7 × 110
			Open ended spanner SW19

DDT Tile drill-set M14

★★★ PREMIUM

for tiles and ceramic materials



Type no.	Content
34294535	Tile drills Ø 6, 8, 10, 12, 20, 25, 35 mm
	Wrench

DDT Tile drill-set XL

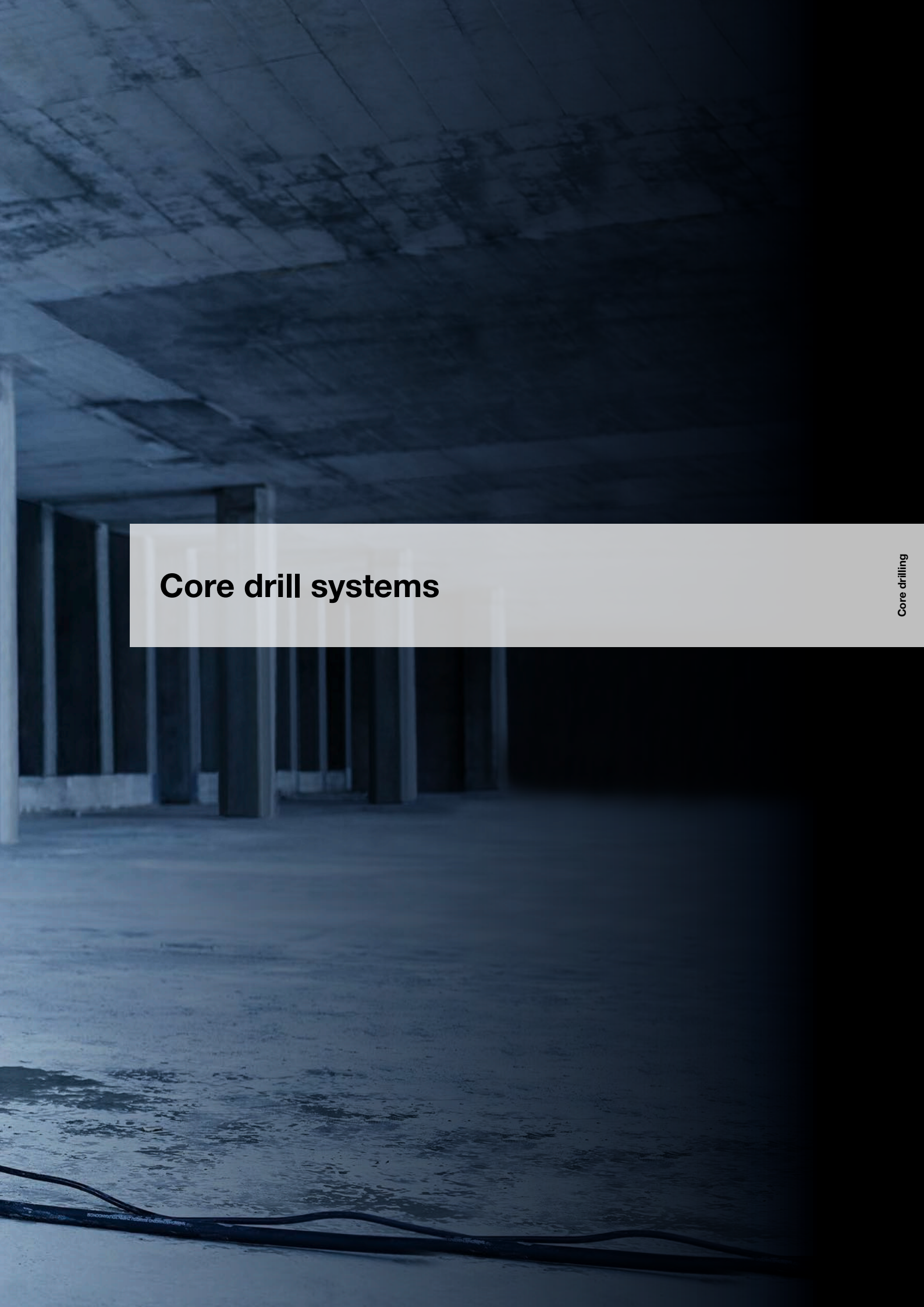
★★★ PREMIUM

for tiles and ceramic materials



Type no.	Content
34245899	Tile drills HEX wet Ø 5, 6, 8, 10, 12, 14 mm
	Tile drills M14 dry Ø 20, 38, 52, 65, 75 mm
	69774 SDS Adapter on request
	69801 HEX Adapter on request
	Center Drill Ø 7
	Open-ended spanner SW 19
	Hex key
	34215846 1 l Water bottle (hose included)
	34215847 Drilling aid





Core drill systems

Selecting guide
for core drill systems

	Power in kW	Application		Drill diameter range in mm		Drill rig recommendation
 DME19DP	1.8		52		162	 DRU160
 DME17DP	2.0		30		200	 DRU160
 DME22SU	2.2		20		180	 DRA150
 DME20PU	2.0		15		180	 DRU160
 DME20PW	2.0		15		180	 DRU160

wet *dry* *also handheld*

Accessories

Adaptor M16	Dust vacuum adaptor dry, M16	Centering spike	Vakuum fixing	Fastening bolt assembly	Quick grip device	Celling prop	Watertank	Water retention ring	Extension	ModulDrill™-distance plate	Antifriction-Element	Trolley chassis
●	●	●	●	●					●			
●	●	●	●	●					●			
	●	●	●	●			●	●	●			
		●	●	●	●		●	●	●		●	
		●	●	●	●		●	●	●		●	

▶

● *available / suitable*

	Power in kW	Application	Drill diameter range in mm	Drill rig recommendation
 DRS162	2.5		40 – 162	Integrated
 DRS250	2.5		50 – 250	Integrated
 DME33MW	3.3		50 – 250 50 – 400	 DRU/DRA250  DRU/DRA400

wet *dry* *also handheld*

 Adaptor M16	 Dust vacuum adaptor dry, M16	 Centering spike	 Vakuum fixing	 Fastening bolt assembly	 Quick grip device	 Celling prop	 Watertank	 Water retention ring	 Extension	 ModulDrill™-distance plate	 Antifriction-Element	 Trolley chassis
			●	●			●		●		●	
			●	●	●		●		●		●	●
			●	●	●	●	●	●	●	●	●	●
				●	●	●	●	●	●	●	●	●

● *available / suitable*

★★★
PREMIUM

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 accelarates 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 Vaccum 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

★★★
PREMIUM

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

★★
STANDARD

Drill motor DME22SU

Core drilling up to Ø 180 mm





Three-speed transmission for optimum rotational speeds



Dry drilling with the included M16 adapter



Comes in a handy transport case

The DME22SU drill motor is ideal for electrical and installation work. It features a 3-speed transmission and variable speed setting with soft start.

Integrated overload cut-outs and the PRCD safety switch ensure safe working. Dry drilling is also possible with the included M16 adapter.

System & Accessories

Technical data

Drill motor DME22SU		
Voltage / Frequency	230 V / 50–60 Hz	110 V / 50–60 Hz
Type no.	10993027	10993028
Drill diameter range	20–180 mm	
Nominal power	2.2 kW	
Nominal current	9.5 A	18 A
Load speed	400/750/1 550 rpm	
No load speed	850/1 650/3 450 rpm	
Motor cooling	Air	
Tool attachment (external)	1 ¼"	
Tool attachment (internal)	½"	
Operation	Hand-held / rig-based	
Application	Wet / dry	
Electronic overload cut-out	•	
Mechanical overload cut-out	•	
PRCD protection switch	•	
Drill rig attachment	Clamping collar 60 mm	

Dimensions & Weight	
Length	552 mm
Width	110 mm
Height	150 mm
Weight	6.0 kg

System & Accessories

Core drilling system with DRU160 Drill rig	
10993027	Electric drill motor DME22SU
10987400	Drill rig DRU160
11002077	Fastening bolt assembly

Accessories	
400439	Extension ½" 100 mm
359475	Extension ½" 200 mm
359476	Extension ½" 300 mm
889232	Extension ½" 400 mm
707230	Extension ½" 500 mm
378198	Extension 1 ¼" 100 mm
359471	Extension 1 ¼" 200 mm
359472	Extension 1 ¼" 300 mm
359473	Extension 1 ¼" 400 mm
359474	Extension 1 ¼" 500 mm
10983964	Dust vacuum adaptor M16
10983845	Centering spike 140 mm
10986189	Centering spike 233 mm
10986190	Strap wrench

★★★
PREMIUM

Drill motors
DME20PW | DME20PU

Core drilling up to Ø 180 mm





Performance and service indicator as well as levelling aid



Compact and ergonomic design



Quick changeover between wet and dry drilling with DME20PU

The DME20 drill motor provides impressive drilling performance in the power range up to 2 kW. The mechanical and electronic overload cut-out and the full metal housing ensure high reliability. Built-in performance and service indicators, as well as the levelling aid, also enable easy operation. The drill motor is suitable for universal use and covers a wide variety of application areas: manual/drill-rig guided and wet/dry (DME20PU).

System & Accessories

Technical data

Drill motors	DME20PW		DME20PU	
Voltage / Frequency	230 V / 50 Hz	110 V / 60 Hz	230 V / 50 Hz	110 V / 60 Hz
Type no.	10992077	10992078	10992079	10992080
Drill diameter range	15–180 mm			
Nominal power	2.0 kW			
Nominal current	9.5 A	18 A	9.5 A	18 A
Load speed	520/1 400/2 900 rpm			
No load speed	830/2 200/4 600 rpm			
Motor cooling	Air			
Tool attachment (external)	1 ¼"			
Tool attachment (internal)	½"			
Operation	Hand-held / rig-based			
Application	Wet		Wet	
Electric overload cut-out	•			
Mechanical overload cut-out	•			
PRCD protection switch	•			
Performance indicator	•			
Service indicator	•			
Drill rig attachment	Clamping collar 60 mm			

Dimensions & Weight

Length	435 mm	450 mm
Width	115 mm	
Height	300 mm	
Weight	6.3 kg	6.5 kg

System & Accessories

Core drilling system with DRU160 Drill rig	
10992077	Electric drill motor DME20PW
10992079	Electric drill motor DME20PU
10987400	Drill rig DRU160
976014	Vakuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vakuum hose 3 m complete

Accessories

400439	Extension ½" 100 mm
359475	Extension ½" 200 mm
359476	Extension ½" 300 mm
889232	Extension ½" 400 mm
707230	Extension ½" 500 mm
378198	Extension 1 ¼" 100 mm
359471	Extension 1 ¼" 200 mm
359472	Extension 1 ¼" 300 mm
359473	Extension 1 ¼" 400 mm
359474	Extension 1 ¼" 500 mm
10996327	Centering spike 250–300 mm
10996328	Centering spike 400–450 mm
963339	Anti-friction element 1 ¼", max. 2.4 kW
974984	Supporting ring alum. 1 ¼"

★★★
PREMIUM

Drill motor DME33MW

Core drilling up to Ø 450 mm





Large drilling diameter range up to 450 mm



Performance and service indicator as well as levelling aid



Practical carrying handle

Thanks to optimum torque adjustment, the DME33 is an extremely powerful drill motor providing impressive productivity. The mechanical and electronic overload cut-out and the full metal housing ensure high reliability.

Built-in performance and service indicators, as well as the levelling aid, also enable easy operation.

System & Accessories

Technical data

Drill motors	DME33MW	
Voltage / Frequency	230 V / 50 Hz	110 V / 60 Hz
Type no.	10992085	10992086
Drill diameter range	50–450 mm	
Nominal power	3.3 kW	
Nominal current	15.9 A	30 A
Load speed	180/430/750 rpm	
No load speed	360/820/1 240 rpm	
Motor cooling	Air	
Tool attachment (external)	1 ¼"	
Operation	Rig-based	
Application	Wet	
Electric overload cut-out	•	
Mechanical overload cut-out	•	
PRCD protection switch	•	
Performance indicator	•	
Service indicator	•	
Drill rig attachment	ModulDrill™	

Dimensions & Weight	
Length	575 mm
Width	145 mm
Height	185 mm
Weight	13.7 kg

System & Accessories

Core drilling system with DRA400 (Steel dowel foot)	
10992085	Electric drill motor DME33MW
10987600	Drill rig DRA400
964906	ModulDrill™-Distance plate Ø +180 mm
11002077	Fastening bolt assembly

Core drilling system with DRU400 (Alu. dowel-vacuum foot)	
10992085	Electric drill motor DME33MW
10984600	Drill rig DRU400
977368	Vacuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete

Accessories	
378198	Extension 1 ¼" 100 mm
359471	Extension 1 ¼" 200 mm
359472	Extension 1 ¼" 300 mm
359473	Extension 1 ¼" 400 mm
359474	Extension 1 ¼" 500 mm
969138	Adaptor 1 ¼" external – ½" internal
400439	Extension ½" 100 mm
359475	Extension ½" 200 mm
359476	Extension ½" 300 mm
889232	Extension ½" 400 mm
10992646	Easy release element

Drill hammer DHE32

Universal drill hammer up to Ø 32 mm





900 W combi drill hammer for drilling, hammer drilling and chiselling



Quick tool change system for SDS Plus drill bits



Ideal for setting anchors

The 900-watt DHE32 combi drill hammer features drilling, hammer drilling, chiselling and chisel adjustment, making it the ideal all-rounder for minor chiselling work as well as setting anchors. This model is simple to use due to the quick tool change system, tool-less drill chuck removal, accelerator switch and long-term operation option. It has a highly ergonomic design combining low vibrations with high impact energy and a non-rotating additional handle.

System & Accessories

Technical data

Max. drill Ø in concrete	32 mm
Max. drill Ø in masonry (HM drill bit)	82 mm
Max. drill Ø in steel	13 mm
Max. drill Ø in wood	32 mm
Tool attachment	SDS plus
Range of drill chuck	1.5–13 mm

Drive

Drive / motor	Electric
Voltage / frequency	220-240 V/50-60 Hz
Motor power	900 W
No load speed	0–850/min
Idling stroke rate	0–3700/min
Max. single stroke impact energy	4.8 J

Dimensions & weight

Length	400 mm
Width	86 mm
Height	235 mm
Weight	4.6 kg
Cable length	4 m

System & Accessories

Drill hammer DHE32	
11002624	Drill hammer DHE32/230 V incl. 16 mm drill

★★
STANDARD

Core drilling system DRS162

Core drilling up to Ø 162 mm





Powerful 2.5 kW Motor



One speed for drilling diameters up to 162 mm



Space-saving attachment facility via dowel foot

The DRS162 drill system is the ideal core drill entry model. The drill motor and drill rig complement each other perfectly and form a single unit. The preset speed and compact, lightweight construction guarantee easy handling and user-friendliness. An integrated PRCD safety switch ensures maximum safety. Optional vacuum plate offers more flexibility in fixing the system.

System & Accessories

Technical data

Drill rig (integrated)	
Bore hole diameter	40–162 mm
Max. drill bit length	556 mm

Drill rig (integrated)	
Drill diameter range in concrete ca.	40–162 mm
Nominal power	2.5 kW
Nominal current	11.5 A
Nom. voltage / frequency standard	230 V / 50 Hz
Load speed	450 rpm
Cooling	Air cooling
Tool attachment external thread	1 ¼"
Tool attachment internal thread	½"
Operation	Drill rig operation
Application	Wet
Electronic overload cut-out	
Mechanical overload cut-out	
PRCD protection switch	

Design
Aluminium dowel foot
Feed using hand crank
Adjustable feet (M12)
1 handle
Motor fixed integrated

Dimensions & Weight	
Length	365 mm
Width	185 mm
Height	855 mm
Weight (drilling system)	15.5 kg

System & Accessories

Core drilling system DRS162	
10990700	Core drilling system DRS162 / 230 V (dowel feet)
10993966	Fastening bolt assambly

Accessories	
974270	Extraction device for core bits
977353	Extraction device for cores
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
10991465	Water tank 10 l
10993961	Vacuum plate complete
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose complete 3 m

★★
STANDARD

Core drilling system DRS250

Core drilling up to Ø 250 mm





Drilling diameter up to 250 mm with 2-speed gearbox



Powerful 2.5 kW motor



Space-saving fixing option via dowel foot

The DRS250 drilling system combines simplicity with a large drill diameter range. The drill motor and drill rig complement each other and form a single unit. 2-speed oil bath gearbox insures perfect lubrication in all working positions, as well as optimal torque-to-speed ratio. Compact and lightweight construction guarantees easy handling and user-friendliness. Mechanical overload clutch and integrated PRCD safety switch ensure maximum safety. Optional vacuum plate offers more flexibility in fixing the system.

System & Accessories

Technical data

Drill rig (integrated)	
Bore hole diameter	50 - 250 mm
Max. drill bit length	600 mm

Drill rig (integrated)	
Nominal power	2.5 kW
Nominal current	11.5 A
Nom. voltage / frequency	230 V / 50 - 60 Hz
Load speed	360 / 850 rpm
Cooling	Air cooling
Tool attachment	1 ¼"
Operation	Drill rig operation
Application	Wet
Mechanical overload cut-out	
PRCD protection switch	

Design
Aluminium dowel foot
Feed using hand crank
Adjustable feet (M12)
Carrying handle
Detachable motor

Dimensions & Weight	
Length	295 mm
Width	195 mm
Height	1 069 mm
Weight (drilling system)	25.6 kg

System & Accessories

Core drilling system DRS250	
10999880	Core drilling system DRS250 / 230 V (dowel feet)
10993966	Fastening bolt assembly

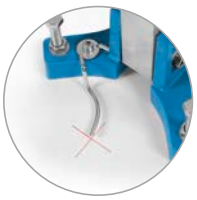
Accessories	
974270	Extraction device for core bits
977353	Extraction device for cores
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
10991465	Water tank 10 l
975378	Vacuum plate complete
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose complete 3 m
11000617	Trolley chassis DRS250

★★
STANDARD

Drill rig DRA150

Core drilling up to Ø 152 mm

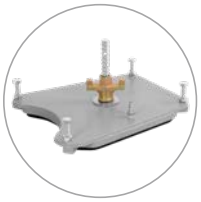




Integrated centre indicator



Compact dowel foot



Optional vacuum plate

The DRA150 is extremely well-suited for electrical and installation work. This drill rig is suitable for 550 mm drill bits and angle drilling. A centre indicator, spirit level and carrying handle facilitate handling.

System & Accessories

Technical data

Drill rig DRA150	
Drill diameter range	20–152 mm
Max. drill bit length	550 mm

Design
Dowel foot
Feed using hand crank
Diagonal adjustment 90°–45°
Centre indicator
Angle indicator
Spirit level
Adjustable feet
Handle
Clamping collar Ø 60 mm

Dimensions & Weight	
Length	330 mm
Width	240 mm
Height	950 mm
Weight	9.5 kg

System & Accessories

Core drilling system with DRA150	
10993967	Drill rig DRA150
10993027	Electric drill motor DME22SU
10993966	Fastening bolt assembly

Accessories	
10993961	Vacuum plate complete
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m komplett
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
10993964	Water retention ring complete Ø 152 mm
10993965	Gasket Ø 152 mm
974270	Extraction device for core bits
977353	Extraction device for cores
10991465	Water tank 10 l

★★★
PREMIUM

Drill rig DRU160

Core drilling up to Ø 160 mm





Precision work due to high quality support with sturdy roller guide



Universal field of application thanks to 90°–45° diagonal adjustment



Efficient drill rig set-up using a standard centre indicator

The DRU160 is the lightweight among drill rigs up to Ø 160 mm.
The standardised clamping collar system enables quick mounting of common drill motors. In addition, a centre indicator, angle indicator and spirit level enhance user-friendliness and help save valuable time during drill rig set-up. The anchor or vacuum attachment facility also increase flexibility.

System & Accessories

Technical data

Drill rig DRU160	
Drill diameter range	15–160 mm
Max. drill diameter with water collecting ring	130 mm
Max. drill bit length	560 mm

Design
Aluminium dowel-vacuum foot
Feed using hand crank
Diagonal adjustment 90°–45°
Centre indicator
Angle indicator
Spirit level
Adjustable feet (M12)
Adjustable and interchangeable roller guides
2 handles
Clamping collar Ø 60 mm

Dimensions & Weight	
Length	400 mm
Width	200 mm
Height	866 mm
Weight	9 kg

System recommendation

Core drilling system with DRU160	
10987400	Drill rig DRU160
10992077	Electric drill motor DME20PW
976014	Vacuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete

System & Accessories

Accessories	
976014	Vacuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete
977394	Quick grip device, 1.7–3.1 m
977448	Clamp for quick grip device, 1.7–3.1 m
11000588	Fastening bolt assembly for vacuum base
11000589	Fastening bolt assembly (masonry), for vacuum base
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
976136	Water retention ring complete Ø 70 mm
976134	Water retention ring complete Ø 130 mm
977437	Water retention ring holder, with centering device
977348	Gasket Ø 70 mm
976128	Gasket Ø 130 mm
974270	Extraction device for core bits
977353	Extraction device for cores
976616	Tool bag
10991465	Water tank 10 l

★★★
PREMIUM

Drill rigs DRA250 | DRU250

Core drilling up to Ø 250 mm

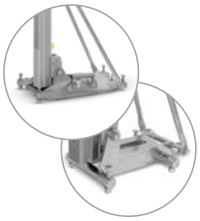




ModulDrill™ quick change clamping system – quick, easy and safe drill motor attachment



Non-strenuous, ergonomic working thanks to fine feed operation (i=1:3.5)



DRU250 with aluminium dowel-vacuum base. Drilling in the most restricted space with steel dowel foot DRA250

The DRA250 | DRU250 drill rigs offer impressive stability and drilling performance thanks to sturdy workmanship and robust drilling columns with wide gear teeth. The optimised support with sturdy roller guide guarantees precise drilling. The proven ModulDrill™ quick clamping system enables fast and secure mounting of drill motors. In addition, a centre indicator (DRU250), angle indicator and two-speed feed gear enhance user-friendliness and help save valuable working time. The compact lightweight construction for easy transport, assembly and disassembly complete the system.

System & Accessories

Technical data

Drill rigs	DRA250	DRU250
Drill diameter range	40–250 mm	
Max. drill diameter with water colle-cting ring		200 mm
Max. drill bit length	600 mm	582 mm

Design

Aluminium dowel-vacuum foot (DRU250)		
Steel dowel foot (DRA250)		
Two speed feed gearbox i=1:1 & i=1:3.5		
Feed using hand crank		
Diagonal adjustment 90°–45°		
Centre indicator (DRU250)		
Angle indicator		
Spirit level		
Adjustable feet (M12)		
Adjustable and interchangeable roller guides		
Handle	1 piece	2 pieces
ModulDrill™ quick change clamping system		

Dimensions & Weight

Length	305 mm	447 mm
Width	205 mm	250 mm
Height	933 mm	908 mm
Weight	17 kg	14 kg

System recommendation

Core drilling system with DRA250 (Steel dowel foot)

10987500	Drill rig DRA250
10992085	El. drill motor DME33MW
11002077	Fastening bolt assembly

Accessories DRA250

975378	Vacuum plate complete
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device, 1.7–3.1 m
977448	Clamp for quick grip device, 1.7–3.1 m
11002077	Fastening bolt assembly (concret)
977464	ModulDrill™ mounting plate
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
974270	Extraction device for core bits
977353	Extraction device for cores
977392	Trolley chassis
967588	Tool bag
10991465	Water tank 10 l

Core drilling system with DRU250 (Dowel-vacuum foot)

10984500	Drill rig DRU250
10992085	Electric drill motor DME33MW
960795	Vacuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete

Accessories DRU250

960795	Vacuum set
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device, 1.7–3.1 m
977448	Clamp for quick grip device, 1.7–3.1 m
11000588	Fastening bolt assembly for vacuum base
11000589	Fastening bolt assembly (masonry), for vacuum base
977464	ModulDrill™ mounting plate
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
10988902	Water retention ring complete Ø 200 mm
960785	Water retention ring holder, with centering device
960693	Gasket Ø 200 mm
974270	Extraction device for core bits
977353	Extraction device for cores
977392	Trolley chassis
967588	Tool bag
10991465	Water tank 10 l

★★★
PREMIUM

Drill rigs DRA400 | DRU400

Core drilling up to Ø 400 mm





Easily adjustable and inter-changeable low wear roller guide



Easy diagonal drilling thanks to angle indicator



DRA400 with steel dowel foot. DRU400 vacuum fixing - drilling or dowel fixing

DRA400 and DRU400, the professional core drilling systems for a versatile application range. The optimised support with sturdy roller guide guarantees precise drilling. The proven ModulDrill™ quick clamping system enables fast and secure mounting of drill motors. In addition, a centre indicator, angle indicator and two-speed feed gear enhance user-friendliness and help save valuable working time. The compact lightweight construction for easy transport, assembly and disassembly complete the system.

System & Accessories

Technical data

Drill rigs	DRA400	DRU400
Drill diameter range	50–250 mm	
Max. drill diameter with distance plate 180 mm	400 mm	400 mm (250 mm*)
Max. drill diameter with water collecting ring		250 mm
Max. drill bit length	746 mm	737 mm

** with vacuum fixing*

Design
Aluminium dowel vacuum foot (DRU400)
Steel dowel foot (DRA400)
Two speed feed gearbox i=1:1 & i=1:3.5
Feed using hand crank
Diagonal adjustment 90°–45°
Centre indicator (DRU400)
Angle indicator
Spirit level
Adjustable feet (M12)
Adjustable and interchangeable roller guides
Handle 1 piece / 2 piece
ModulDrill™ quick change clamping system

Dimensions & Weight		
Length	305 mm	507 mm
Width	205 mm	300 mm
Height	1 055 mm	1 063 mm
Weight	19 kg	18 kg

System recommendation

Core drilling system with DRU400	
10984600	Drill rig DRU400
10992085	El.drill. motor DME33MW
977368	Vacuum plate
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete

Accessories DRU400	
977368	Vacuum plate
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device, 1.7–3.1 m
977448	Clamp for quick grip device, 1.7–3.1 m
11000588	Fastening bolt assembly for vacuum base
11000589	Fastening bolt assembly (masonry), for vacuum base
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
964906	ModulDrill™ distance plate Ø +180 mm
977464	ModulDrill™ mounting plate
10988898	Water retention ring complete Ø 250 mm
977438	Water retention ring holder complete
977447	Gasket Ø 250 mm
974270	Extraction device for core bits
977353	Extraction device for cores
977392	Trolley chassis
967588	Tool bag
10991465	Water tank 10 l

Core drilling system with DRA400	
10987600	Drill rig DRA400
10992085	Electric drill motor DME33MW
964906	ModulDrill™ distance plate Ø +180 mm
11002077	Fastening bolt assembly dowel feet

Accessories DRA400	
975378	Vacuum plate complete
10999500	VPE600 Vaccum pump 230V EU/CH
975381	Vacuum hose 3 m complete
961614	Ceiling prop
977394	Quick grip device, 1.7–3.1 m
977448	Clamp for quick grip device, 1.7–3.1 m
11002077	Fastening bolt assembly concrete dowel feet
964906	ModulDrill™ distance plate Ø +180 mm
11002624	Drill hammer DHE32 / 230 V incl. 16 mm drill
977464	ModulDrill™ mounting plate
974270	Extraction device for core bits
977353	Extraction device for cores
977392	Trolley chassis
967588	Tool bag
10991465	Water tank 10 l

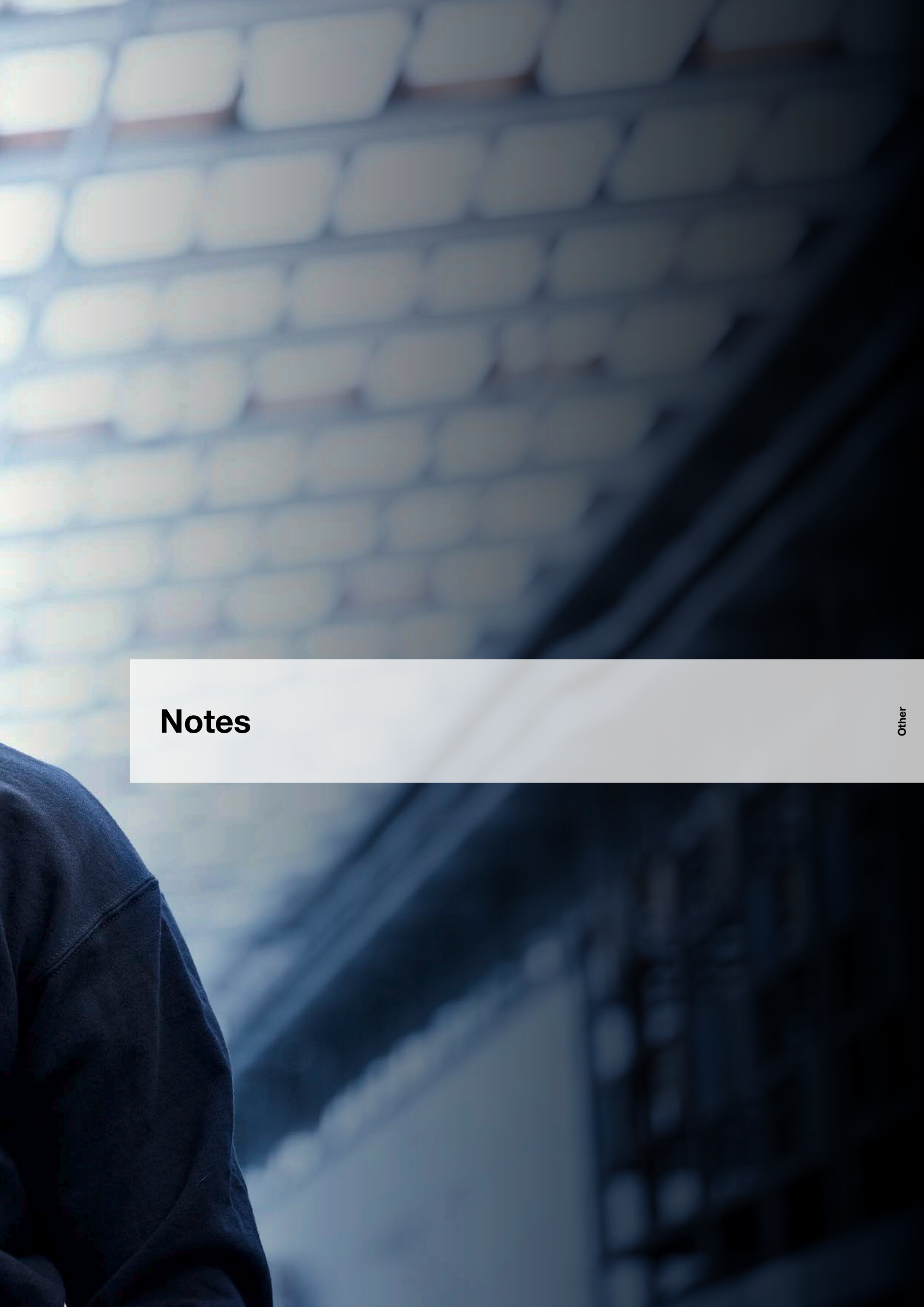

TYROLIT
TYROLIT



Other

Notes 175


TYROLIT



Notes

Safety

Safety and the brand Tyrolit

Our aim was and is to make our products even safer for our users:

Through our work as the founder member of the “Organisation for the Safety of Abrasives” (oSa®), through close cooperation with the safety authorities and through practical communication with our users all over the world.

For safe working with grinding tools, it is necessary that

- machine manufacturer
- abrasive manufacturer and
- operator

contribute their part in equal measure. Tyrolit guarantees that the tools meet the requirements of the oSa® and the European standards. The CE marking of our machines guarantees the complete compliance with the applicable EU safety requirements.

Tyrolit recommends not to use grinding tools, which do not have the symbols oSa®, EN13236 (diamond tools), EN12413 (cutting and grinding wheels) or EN13743 (flap discs).

Assembly / repair

Diamond tools must be visually inspected for cracks or other possible damage before mounting.
Don’t use damaged diamond tools!

The dimension of the diamond tool must correspond to the information on the machine and shouldn’t exceed those.

Make sure that the maximum operating speed (RPM) of the tool is not exceeded.

Please note when mounting, that the arrow on the diamond tool corresponds with the direction of rotation of the machine.

Make sure the bore of the diamond tool fits the machine spindle properly – the bore must not be manipulated.

Make sure that the machine spindle is clean and intact. An out of round condition will cause damage to the blade and the saw.

Flanges should be clean, flat, of equal size and of the proper type for the diamond tool. Don’t use damaged flanges.

The diamond tool must be properly mounted, rotate freely and the flanges must be tightended properly.
Never force a wheel onto the machine.

Only use machines with suitable blade guards.

Disconnect the machine from its power supply before mounting or removing a diamond tool.

Have your machine repaired solely by qualified personnel using original spare parts.

Application

Avoid unintentional starting of the machine. Make sure that the machine is switched off before connecting to power supply.

Secure the workpiece to prevent accidental slipping.

Support plates or large workpieces in order to reduce the risk of wheel pinching and kickback.
Large workpieces tend to sag under their own weight.

Always wear personal safety equipement and eye protection. Wearing personal safety equipement, such as gloves, non-slip safety shoes, helmet and ear protection, always depending on nature and purpose of the tool, may reduce the risk of injury.

Ensure adequate ventilation and protective measures that correspond to the material to be machined when working with cutting and rough grinding wheels.

Maintain a firm grip on the machine and keep balance at all times. Bring your body into a position where you can intercept kickback forces.

Do not position your head in line with the rotating wheel. Do not position your body in the area in which the machine will move in case of a kickback.

If the cutting wheel gets jamed or when interrupting a cut for any reason, turn off the machine and hold the machine motionless until the wheel comes to a complete stop.

Never attempt to remove the wheel from the cut while the wheel is in motion otherwise kickback may occur. Do not restart the cutting operation in the workpiece. Let the wheel reach full speed before you re-enter the cut.

After turning off the machine, allow the wheel to come to rest naturally. Never use an “artificial” brake such as soil, wood pallets or shoes and never lay the machine down before the wheel has come to rest. The rotating wheel may grab the surface.

Safety information


Use gloves


Use dust mask


Only permitted for wet grinding


Do not use damaged wheels


Use eye protection


Personal safety


For dry applications


Not permitted for side grinding


Use ear protection


Pay attention to the safety recommendations


Not permitted for wet grinding


No freehand work

Trouble-shooting
Wet core drill

1. Excessive wear of diamond segments

- Insufficient coolant supply. Adjust the water supply and/or check the water lines.
- The operating speed of the core drill is too low. Increase the RPM (see RPM recommendations).
- The engine power is too high. Match the motor power to the drilling diameter.
- The machine is vibrating. Fix the drill rig and/or check the general state of the machine (e.g. bearings and rollers).
- The selected core drill may not be suitable for the material being drilled, or the material is too abrasive. Use a harder specification (e.g. CDL - CDM).

2. Excessive wear of the steel tube

- The machine is vibrating. Fix the drill rig and/or check the general state of the machine (e.g. bearings and rollers).
- The core drill is warped / is not running true.
- The core drill is not fixed properly. Check if the core drill is aligned with the motor spindle.
- There are remains in the hole, which have not been removed by the coolant. Increase the coolant supply temporarily.
- You are drilling in loose material (e.g. gravel).

3. Broken segments

- In case of brazed segments, a short interruption of the cooling can lead to overheating and thus to a destruction of the soldered joint.
- The core drill has struck multiple times against reinforcements or fragments. Remove all loose steel and segment parts before introducing a new core drill.
- The core drill is cutting into loose reinforcement. Reduce the RPM when drilling reinforcements in order to avoid damage to the core drill.

4. Drill bit does not drill

Segments are overloaded

Flat segment surface, possible deformation of the segments, high number of pull-outs (>50 %), drill chatters

- The operating speed is too low. Increase the RPM.
- The grinding pressure is too high. Reduce the pressure.
- The material may be too soft and abrasive for the used specification. Use a harder specification (e.g. CDL - CDM).

5. Drill bit does not drill

Segments are underchallenged

Smooth segment surface, polished diamonds (shining, no sharp edges)

- The diamond segments are smooth (polished).
- Re-sharpen the drill bit by drilling into soft, abrasive material or use a Tyrolit sharpening plate.
- The operating speed is too high. Reduce the RPM.
- The grinding pressure is too low. Increase the pressure.
- The engine power is too low. Match the motor power to the drilling diameter.
- Excessive coolant supply, only clear water is coming out of the drill hole (no slurry). Reduce the coolant supply and check the consistency (should be milky/cloudy).
- The material may be too hard for the used specification. Use a softer specification (e.g. CDL - CDM).

6. The core drill is jammed

- Debris is blocked between the core and the tube wall (steel, pieces of material). Remove the drill rig and, using a wrench, turn the core drill alternately in both directions until it can be removed. Take the debris out of the drill hole before introducing a new core drill.
- The drill rig was not fixed correctly and has moved during drilling. Drill rig and core drill are no longer aligned. Align and re-fix the drill rig.



Trouble-shooting **Diamond saw blade**

1. Excessive wear

- The saw blade is not suitable for the material being cut. Use a harder specification.
- Insufficient water supply. Adjust the water supply and/or check the water lines.
- The blade is pounding, which accelerates the wearing. The reasons could be poor bearings, a worn spindle shaft or the use of a too hard specification for the material being cut. Check the state of the machine or use a softer specification.
- The operating speed (RPM) is too low. Use the correct RPM for the diameter of the blade (see RPM recommendations).

2. Undercutting

Undercutting is a condition in which the steel center wears faster than the diamond segment, especially in the areas where the segment and core are joined. This is caused by highly abrasive material grinding against the blade during the sawing operation. Finally this can lead to segment loss.

- Be sure to have sufficient water supply. Only with sufficient water the abrasive grinding slurry will be transported out of the contact zone and will thus reduce the undercutting effect.
- Do not cut into the sub base of the pavement (lose gravel or sand). The loose material scrubs strongly on the body and tips it below the segments.

Caution! For safety reasons, do not use the saw blade any longer!

3. The blade does not cut

- The saw blade is too hard for the material being cut. Check if the specification is appropriate. A glazed blade can be sharpened by cutting into soft, abrasive material.
- The output power of the machine is insufficient to permit the blade to cut properly. Make sure that the specification is appropriate for the machine power and the material being cut. Repeatedly check the tension of the V-belt in order to guarantee an optimal transmission of power.
- The speed is too high. To reduceThe speed. Should theSpeed can not be changedcan perform the cut inseveral deliveries.
- The blade is not mounted correctly. Look for the correct oneDirection of the saw (direction of rotation arrow).

4. Overheating

Overheating may lead to several problems like loss of core tension, cracks in the steel core and segment loss (in case of brazed segments). Overheating can be identified by a discoloration (blue and/or black oxidation) of the blade or the segments.

- Make sure that wet-cutting saws have a sufficient water supply. Check the water lines and make sure flow is adequate on both sides of blade.
- An excessive cutting pressure leads to overheating of dry-cutting tools. Use several passes of 2 to 5 cm deep for cutting solid materials.

  On a regular basis, release the pressure on the diamond blade and allow it to rotate freely for cooling in the air. Do not use excessive pressure – the weight of the machine is sufficient.

5. Loss of blade segment

- The machine was not held firmly or the material was not fixed, which caused the blade to twist or jam in the cut. Secure the material firmly while cutting and and maintain a firm grip on the machine.
- The blade is too hard for the material being cut which causes the blade to chatter. Use a softer specification.
- The blade has been undercut. Make sure that there is sufficient water supply and do not cut into the base layer of the pavement (gravel).
- In case of brazed segments, a short interruption of the cooling can lead to overheating and thus to a destruction of the soldered joint.
- The saw has not been mounted correctly and starts to chatter.

Caution! For safety reasons, do not use the saw blade any longer!

6. Cracks in the segment

- The saw blade is too hard for the material being cut; the saw blade starts to chatter during cutting. Use a softer specification.
- Insufficient cooling supply (overheating). Adjust the water supply and/or check the water lines.

7. Cracks in the steel core

- The saw blade is too hard for the material being cut. Use a softer specification.
- Excessive cutting pressure. Extreme strain on the blade can create material fatigue, which can then lead to a fracture in the steel core.
- The saw blade is chattering. Check the state of the machine (e.g. spindle and bearings) and the mounting of the saw blade.
- The cut is not straight which results in friction and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft.

Caution! For safety reasons, do not use the saw blade any longer!

8. Uneven segment wear

- Make sure that wet-cutting saws have a sufficient water supply. Check the water lines and make sure flow is adequate on both sides of blade.
- The saw blade is irregularly worn due to defective bearings, a damaged blade bore or machine spindle. Exchange or repair the bearings and/or spindle. Ensure the engine runs smoothly and does not cause the blade to chatter on a regular cycle basis.
- The cut is not straight which results in friction and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft.

9. Loss of tension

- Blade has been overheated. Make sure that wet-cutting saws have sufficient water cooling.
- The saw blade is too hard for this application. The reason for the loss of tension is a high lateral friction.
- Check if the correct RPM has been chosen and if the proper flanges are being used.
- Ensure that the saw blade has been fixed correctly on the spindle. Make sure that drive pins are used for all machines.
- The cut is not straight which results in tension and heat. Properly align the machine and do not exert excessive side pressure on the handles as a method of steering. Check the alignment of the drive shaft.

In case of loss of tension send the saw blade back to the manufacturer for repair.

10. Damaged bore

- The flanges or the spindle are worn out. Check the flanges and spindle for wearing and replace the worn parts.
- The saw blade has not been mounted properly. Ensure that the blade is mounted on the proper diameter of spindle.Fix the wheel flanges properly (with a wrench, not by hand). Do not remove the drive pins, because they guarantee an optimal transmission of power.

Send the saw blade back to the manufacturer for repair.

Working together successfully

We regard our customers as partners. The success of our customers lies in the quality of our products, our knowledge in application technology and the provision of customer-specific on-site solutions. Close collaboration with our customers leads to remarkable strategic developments and ensures long-term success for both parties.

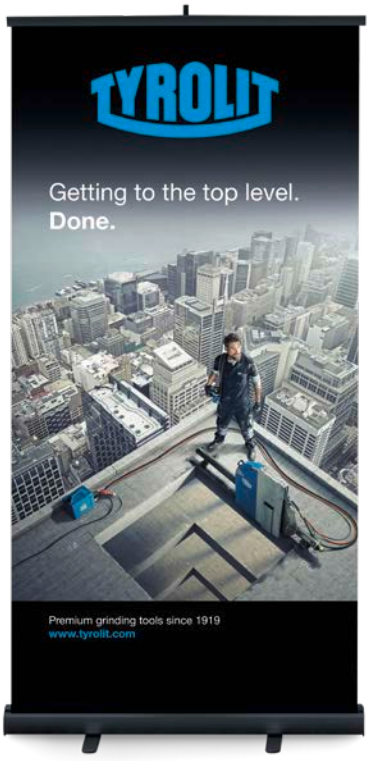


POS

Promotion as a key factor

For choosing the right tool, the Tyrolit POS system offers complete support. Clear colour guidance systems, pictograms easy to understand and application advices: a flexible and easy to use presentation medium, optionally as Wall Display, Floor Display or Counter Display.

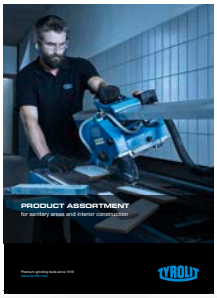
By request we also undertake the planing of your product assortment based on your customers' requirements and advise you on the optimum promotional positioning.



Roll-Up



Poster



Leaflets

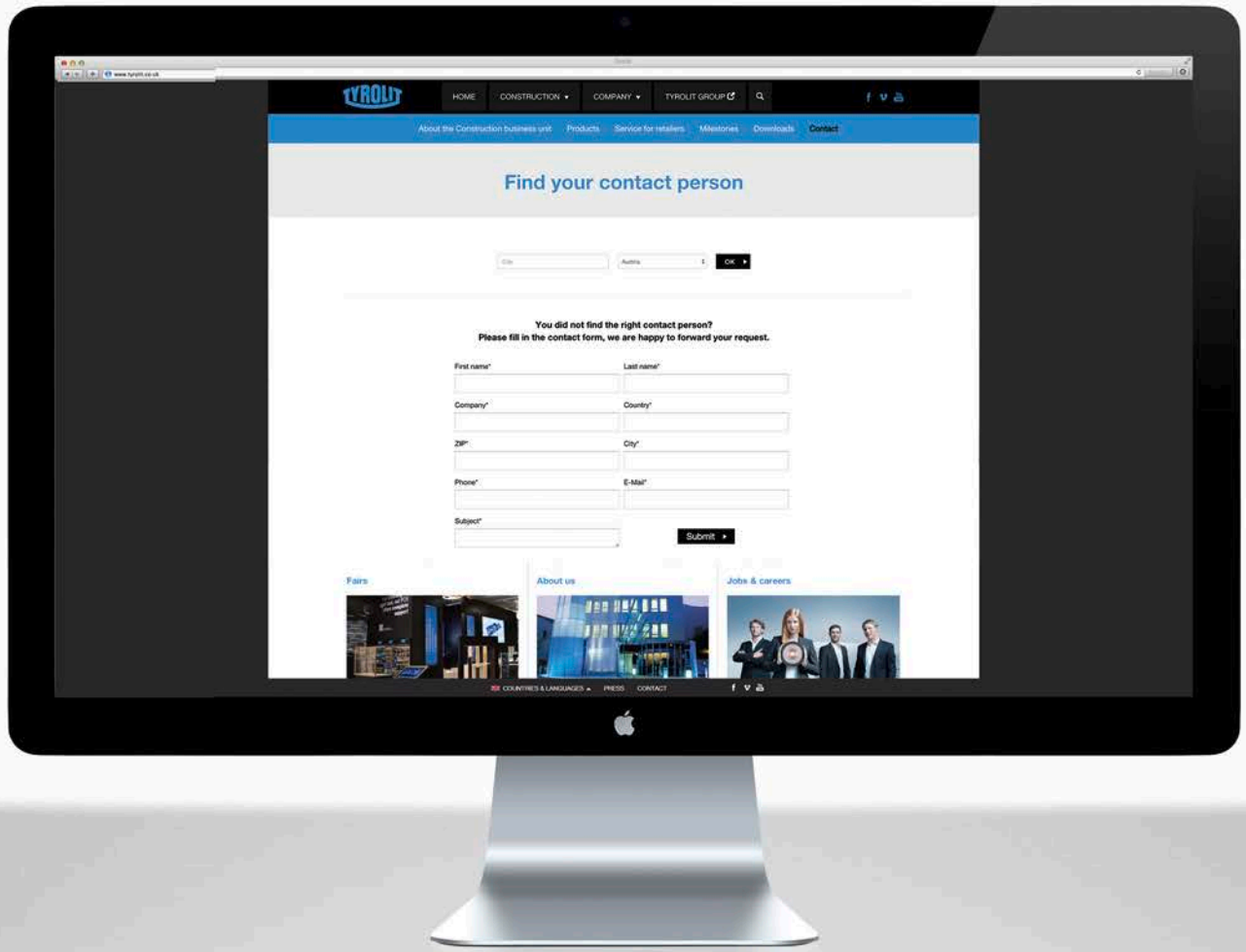


Beach-Flag

Tyrolit addresses

Find your local representative on our website.
Please find all locations and contact information
via the »contact« tab.

www.Tyrolit.com



Catalogue

General information

The tools shown in this catalogue, the information regarding delivery, appearance, performance and dimensions shall comply with the according status at the time of printing. We develop our products continuously. We reserve the right to change without prior notice. All errors and misprints reserved.

Reprinting as well as any kind of reproduction – even partially – is not permitted without the written permission of Tyrolit CONSTRUCTION PRODUCTS GmbH, 6130 Schwaz/Austria.

A detailed version of our terms and conditions can be found at

www.tyrolit.com

TYROLIT CONSTRUCTION PRODUCTS GmbH
Swarovskistraße 33 | 6130 Schwaz | Austria
Tel +43 5242 606-0 | Fax +43 5242 63398

Our **worldwide subsidiary** companies can be found on our website at **www.tyrolit.com**

Find us on social media
TYROLITgroup