

EN



Dry Cutting Assortment

Product overview

Premium grinding tools since 1919
www.tyrolit.com

TYROLIT

The TYROLIT Group

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

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

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



TYROLIT headquarters in Schwaz (Austria)

Facts & Figures



80,000+
products



29
production sites



4,600+
employees worldwide



37
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.

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Angle grinder



TGD® –TYROLIT GRAIN DISTRIBUTION



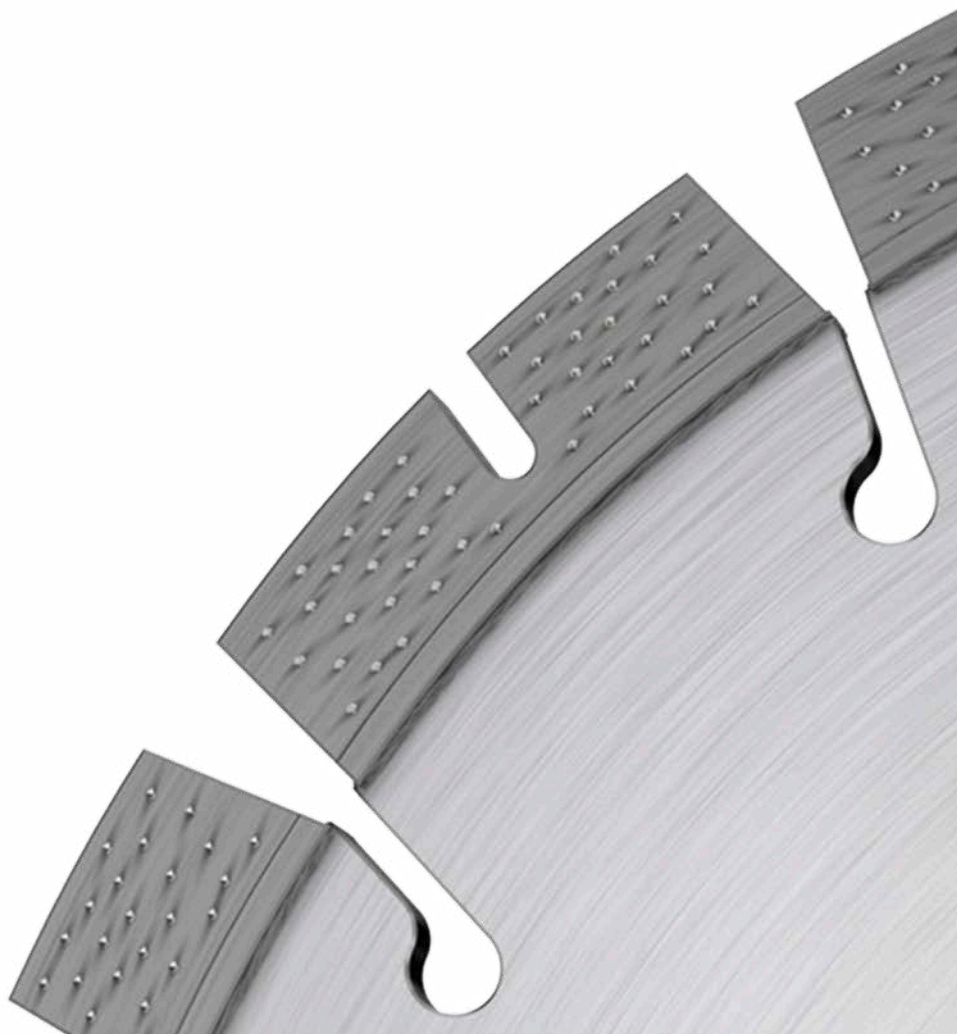
Petrol cutting saw



Joint cutter



Only for electric machines



New features, new design, trusted quality

Right on time for the 100-year company anniversary of TYROLIT, we have revised the existing diamond dry cutting range with regard to product characteristics, user-friendliness and design.

The results are mostly universally applicable tools for all common construction materials. Until late 2020, innovations will continuously be introduced to replace the existing range.



What is new?

Increased performance by up to 30%

- + Powerful tools, extremely high cutting speeds and outstanding durability

Compact assortment

- + Streamlined product palette with solutions for all common construction materials

Innovative and user-friendly

- + Entirely tailored to current market demands and today's powerful machines

New look

- + Re-designed segments, clear labels and updated packaging

Highest product safety

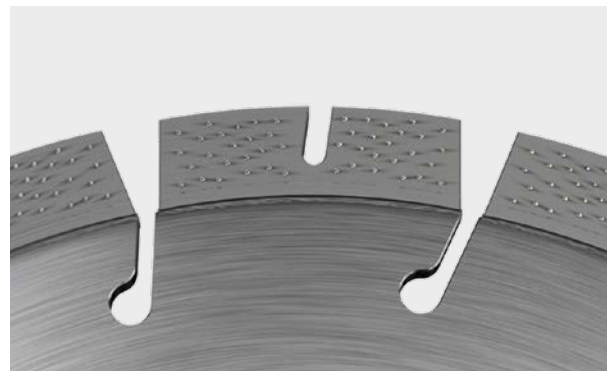
- + Complete assortment in compliance with OSA and EN13236 regulations

Upgraded segments for outstanding results



PREMIUM TGD® upgrades

Our reliable TGD® assortment now comes with an even better cutting rate. The upgraded diamond pattern allows for more efficiency, whereas longer segments ensure best performance.



Upgraded PREMIUM segments

The new U-shaped cuts of the conventional dry cutting segments are not only an eye-catcher, but also come with an increased cooling effect. Moreover, the reduced segment surface ensures a higher cutting rate.

An assortment for doers

A major part of the TYROLIT PREMIUM Dry Cutting Assortment has been substantially reworked with a clear focus on the user. Thus, the assortment boasts solutions for all kinds of users.

For all-rounders



DCU in TGD® Technology

The upgrade of our top-selling universal disc with even better performance.



DCU-FAST CUT

Gets the job done faster: The high-performing version of our universal classic.



DCU

The constant companion for those who want to tackle various tasks with one durable disc.



DCE-SILENT in TGD® Technology

Noise-damped and universal: The SILENT version for an all-round application with electric machines.

For rock-stars



TGD® TECHNOLOGY

DCH in TGD® Technology

Rock-solid: THE TGD® disc for cutting hard stone ensures unmatched results.



DCH-FAST CUT

Getting there faster with less grinding pressure: The fast cutting version of our professional hard stone disc.



DCH

Cutting-edge: Guarantees clean and break-out-free edges.

For concrete pros



DCC

The first choice for cutting any type of concrete.














For down-to-earth users



DCA+C

Hard-line cutting of asphalt and concrete.

APPLICATION RECOMMENDATION PREMIUM DRY CUTTING ASSORTMENT

						
Material		DCU TGD®	DCU-FAST CUT	DCU	DCU-SILENT*	DCE-SILENT**
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	○				
SOFT MATERIALS	 GFK					
	PVC					
	Carbon fibre					
	Composites					
	Fibreglass					
	Bulletproof glass					
TILES & CERAMICS	 Ceramic tiles					
	Fine stoneware					
	Porcelain					
INDUSTRIAL CERAMICS	 Refractory materials	○				
	Engineering bricks	●	○	○	○	
METAL	 Cast iron					
	Steel			○		
	Grey cast iron					
	Spheroidal cast iron					

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

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









The PREMIUM Dry Cutting Assortment

NEW **★★★ PREMIUM** **DCU dry cutting saw blades** for universal construction materials | in TGD® Technology 





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

	Shape	Type number OLD	Type number NEW	Dimension	Segment height		
		C73W	704617	34468871	230x2.4x22.23	14	
		736088	34434257	300x2.6x20	14		
		22373	34462046	300x2.6x22.23	14		
		59580	34462047	300x2.6x25.4	14		
		736102	34435145	350x3.2x20	14		
		—	34462048	350x3.2x22.23	14		
		22377	34462049	350x3.2x25.4	14		
		59543	34435148*	400x3.2x20	14		
		59545	34462050*	400x3.2x25.4	14		

*Only permitted for wet grinding.

NEW **★★★ PREMIUM** **DCU dry cutting saw blades** for universal construction materials 



Machinable materials: universal building materials such as concrete, natural stone, clay brick, masonry, hard stone, abrasive materials, steel etc. Details: A 20–16 mm reduction bush is supplied with a disc diameter of 105 mm.

	Shape	Type number OLD	Type number NEW	Dimension	Segment height		
		C73W	464537	34430790	115x2.4x22.23	10	
		464539	34425401	125x2.4x22.23	10		
		464540	34430832	150x2.6x22.23	12		
		464543	34430833	180x2.6x22.23	12		
		464544	34434386	230x2.6x22.23	12		
		464545	34428610	300x2.6x20	12		
		464546	34431007	300x2.6x22.23	12		
		464549	34431008	300x2.6x25.4	12		
		464551	34430834	350x3.2x20	12		
		464552	34430835	350x3.2x22.23	12		
		464553	34430836	350x3.2x25.4	12		
		464555	34428721	400x3.2x20	12		
		464556	34431009	400x3.2x25.4	12		

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



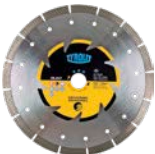

Machinable materials: universal building materials such as concrete, clay brick, masonry, hard stone, granite etc.

	Shape	Type number	Dimension	Segment height
 	C6R	474743	115x2x22.23	10
		474746	125x2x22.23	10
		474751	150x2.4x22.23	9
		474752	180x2.4x22.23	9
		474753	230x2.4x22.23	9

★★★ PREMIUM **DCU-SILENT dry cutting saw blades**
for universal construction materials





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

	Shape	Type number	Dimension	Segment height
 	C3	474771	230x2.6x22.23	9

NEW ★★★ 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.

	Shape	Type number	Dimension	Segment height
 	C73GW	34461143	350x3.2x20	14
		34461144	400x3.2x20	14

NEW **★★★ PREMIUM** **DCC dry cutting saw blades for concrete**





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

	Shape	Type number OLD	Type number NEW	Dimension	Segment height		
		C73W	465488	34468730	115x2.4x22.23	10	
		465489	34468731	125x2.4x22.23	10		
		465490	34468732	150x2.6x22.23	12		
		465491	34468733	180x2.6x22.23	12		
		465492	34468734	230x2.6x22.23	12		
		465493	34468735	300x2.6x20	12		
		465494	34468736	300x2.6x22.23	12		
		465495	34468737	300x2.6x25.4	12		
		465496	34468738	350x3.2x20	12		
		465498	34468739	350x3.2x22.23	12		
		465499	34468740	350x3.2x25.4	12		
		465501	34468751	400x3.2x20	12		
				—	34468752	400x3.2x25.4	12

★★★ PREMIUM **DCC-FAST CUT wall chaser blade for concrete**







Machinable materials: Concrete, clay brick, cellular concrete. Details: For use with all common wall chasers.
 Tool for the milling of slots in concrete and masonry.

	Shape	Type number	Dimension	Segment height	
		C3R	598008	125x2x22.23	7
		598010	140x2.4x22.23	9	
		598011	150x2.4x22.23	9	

NEW **★★★ 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 OLD	Type number NEW	Dimension	Segment height		
		C73W	707365	34468872	230x2.4x22.23	14	
			736095	34435150	300x2.6x20	14	
			43485	34462092	300x2.6x25.4	14	
			736105	34435151	350x3.2x20	14	
		43490	34462093	350x3.2x25.4	14		
		—	34435152	400x3.2x20	14		
		—	34462094	400x3.2x25.4	14		

NEW **★★★ PREMIUM** **DCH dry cutting saw blades**
for hard stone






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

	Shape	Type number OLD	Type number NEW	Dimension	Segment height	
		C73W	—	34475858	115x2.4x22.23	10
			464698	34475856	125x2.4x22.23	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	115x1.2x22.23	7
			475793	125x1.2x22.23	7
		C3W	475797	180x1.9x22.23	9
			475800	230x1.9x22.23	9



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	115x7.2x22.23	7
	535829	125x7.2x22.23	7



DCM dry cutting saw blades for marble



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

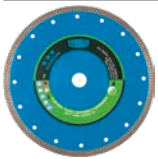

Shape	Type number	Dimension	Segment height
  UC3	315968	115x2.5x22.23	2
	315967	125x2.5x22.23	2
	547611	150x3x22.23	2
	315966	180x3x22.23	2
	315965	230x3x22.23	2
	490961	350x3x20	2.5
	490962	350x3x25.4	2.5



DCT dry cutting saw blades for tiles & ceramics




Machinable materials: Ceramic tile, fine stoneware, 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	105x1x20	10
	639559	115x1.2x22.23	10
	639560	125x1.2x22.23	10
	639634	180x1.4x22.23	10
	676791	200x1.6x22.23	10
	639635	230x1.6x22.23	10

Accessories dry cutting saw blades
Sharpening plate for tiles







	Type number	Dimension
	SP6 662791	55x25x320

NEW **★★★ 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
  <p>C73W</p>	34470453	115x2.4x22.23	10
	34470454	125x2.4x22.23	10
	34470455	150x2.6x22.23	12
	34470456	180x2.6x22.23	12
	34470457	230x2.6x22.23	12
  <p>C73SW</p>	34472010	300x2.6x20	10
	34472041	300x2.6x22.23	10
	34472044	300x2.6x25.4	10
	34472046	350x3.2x20	10
	34472061	350x3.2x22.23	10
	34472008	350x3.2x25.4	10
	34474151	400x3.2x25.4	10

★★★ PREMIUM **Roofer's cutting wheel**
for all common roofing materials



Shape	Type number	Dimension	Segment height
  <p>C6R</p>	103283	230x2.4x22.23	9





FOCUR SA Diamond cut-off wheel for grey and spheroidal cast iron



FOCUR SA 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.

FOCUR SA cut-off wheels are available in diameters from 115 to 230 mm.

	Shape	Type number	Dimension	Specification
 	UC3	34213575	115x2.8x22.23	DC CI
		34192268	125x3x22.23	DC CI
		102811	180x3x22.23	DC CI
		102813	230x3x22.23	DC CI





FOCUR SA Diamond cut-off wheel for grey and spheroidal cast iron for slowly rotating machines



v_{max} = 50 m/s

FOCUR SA 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.



FOCUR SA cutting discs are specially designed for slow-rotating machines and are only available in diameters of 350 mm.

	Shape	Type number	Dimension	Specification
 	UC3	34367418	350x4.1x20	3 DC CI



DCCI Combi cutting and chamfering disc for plastic pipes







	Shape	Type number	Dimension	Segment height
 	UC3	34228075	125x3x22.23	3

The STANDARD and BASIC Dry Cutting Assortment





★★ STANDARD DCU dry cutting saw blades for universal construction materials



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

	Shape	Type number	Dimension	Segment height	
		C3	467443	115x2x22.23	7
		467444	125x2x22.23	7	
		467445	150x2.6x22.23	9	
		467446	180x2.6x22.23	9	
		467448	230x2.6x22.23	9	
		464853	300x2.6x20	10	
		464854	300x2.6x22.23	10	
		464855	300x2.6x25.4	10	
		464858	350x3x20	10	
		464859	350x3x25.4	10	
465667	400x3.2x20	10			
					
					

DCU-FAST CUT



		C3R	467414	115x2x22.23	7
		467416	125x2x22.23	7	
		C3R	467428	150x2.4x22.23	9
		467430	180x2.4x22.23	9	
		467431	230x2.4x22.23	9	
		467433	300x3x20	10	
		467434	300x3x22.23	10	
		467435	300x3x25.4	10	
		467436	350x3x20	10	
		467439	350x3x25.4	10	
					
					



★ BASIC DCU dry cutting saw blades for universal construction materials



Machinable materials: Universal building materials, such as 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	
		C3	466082	105x2x20	7
		466083	115x2x22.23	7	
		466084	125x2x22.23	7	
		466086	150x2.6x22.23	9	
		466087	180x2.6x22.23	9	
		466090	230x2.6x22.23	9	

Shape	Type number	Dimension	Segment height
 	C3	466093	300x2.6x20
		466094	300x2.6x22.23
		466095	300x2.6x25.4
		466096	350x3x20
		466098	350x3x22.23
		466099	350x3x25.4
		529399	400x3.2x25.4
		529401	450x3.2x25.4



DCU-FAST CUT



 	C3R	467266	105x2x20	
		467267	115x2x22.23	
		467268	125x2x22.23	
		C3R	467271	150x2.4x22.23
			467273	180x2.4x22.23
			467276	230x2.4x22.23
			467280	300x3x20
			467281	300x3x22.23
			467282	300x3x25.4
		467285	350x3x20	
		467288	350x3x22.23	
		467289	350x3x25.4	



★★ **STANDARD** **DCC dry cutting saw blades**
for concrete



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

Shape	Type number	Dimension	Segment height
 	C3	474774	115x2x22.23
		474775	125x2x22.23
		536789	130x2.2x22.23
		474777	150x2.6x22.23
		474778	180x2.6x22.23
		474780	230x2.6x22.23
		465503	300x2.6x20
		465505	300x2.6x22.23
		465507	300x2.6x25.4
		465509	350x3x20
		465662	350x3x22.23
		465512	350x3x25.4
		485041	400x3.2x20





★ ★
STANDARD

DCC-LL dry cutting saw blades for concrete



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



Shape	Type number	Dimension	Segment height
  C3W	484994	300x2.6x20	10
	484996	300x2.6x22.23	10
	484999	300x2.6x25.4	10
	485001	350x3x20	10
	485003	350x3x22.23	10
	485004	400x3.2x20	10

★
BASIC

DCH dry cutting saw blades for hard stone



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



Shape	Type number	Dimension	Segment height
  C3	467386	115x2x22.23	7
	467387	125x2x22.23	7
	467388	180x2.6x22.23	9
	467389	230x2.6x22.23	9
	467391	300x2.6x20	10
	467392	300x2.6x22.23	10
	467394	300x2.6x25.4	10
	467395	350x3x20	10
	467396	350x3x22.23	10
	467400	350x3x25.4	10

★
BASIC

DCAB dry cutting saw blades for abrasive materials



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



Shape	Type number	Dimension	Segment height
  C3W	465672	115x2.2x22.23	9
	465674	125x2.2x22.23	9
	465677	150x2.2x22.23	10
	465686	230x2.4x22.23	10

★
BASIC

DCT dry cutting saw blades for tiles & ceramics



Machinable materials: Ceramic tiles.



Shape	Type number	Dimension	Segment height	
 	1A1R	475975	100x1.6x22.23	7
		475978	115x1.6x22.23	7
		475980	125x1.6x22.23	7
		475983	180x2x22.23	9
		475986	230x2x22.23	9

★★
STANDARD

DCA dry cutting saw blades for asphalt



Machinable materials: Asphalt, sandstone, extremely abrasive materials. Details: Protective segments against the undercutting-effect.



Shape	Type number	Dimension	Segment height	
 	C1SW	465519	300x2.8x20	10
		465520	350x3x20	10
		465522	350x3x25.4	10
		465525	400x3.2x25.4	10
		465526	450x3.6x25.4	10

★
BASIC

DCA dry cutting saw blades for asphalt



Machinable materials: Asphalt, sandstone, extremely abrasive materials.



Shape	Type number	Dimension	Segment height	
 	C1SW	465649	300x2.8x20	10
		465656	300x2.8x22.23	10
		465650	300x2.8x25.4	10
		465651	350x3x20	10
		465652	350x3x25.4	10
		529402	400x3.2x25.4	10
		529403	450x3.6x25.4	10

★ ★
STANDARD

DCA+C 2in1 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
 	C1SW	34168634	300x2.8x20
		34237091	300x2.8x25.4/20
		34168635	350x3x20
		34237092	350x3x25.4/20

★
BASIC

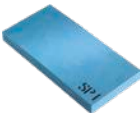
DCA+C 2in1 dry cutting saw blades
for asphalt & concrete



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
 	C1SW	736309	300x2.8x20
		736311	300x2.8x25.4
		736313	350x3x20
		80653	350x3x25.4

Sharpening plate
Accessories dry cutting saw blades

Type number	Dimension	
	SP1	
	497322	55x25x320
	484627	160x30x320
484672	320x55x320	

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



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