



DRY-CUTTING DIAMOND SAWS

THE ADVANTAGES OF THE NEW PRODUCT RANGE

- Suitable product is swift and simple to find
- Attractive appearance with focus on the TYROLIT brand
- High economic efficiency and optimised performance

DRY-CUTTING DIAMOND SAWS

TYROLIT, a company within the Swarovski Group, is positioned as one of the world's largest manufacturers of grinding, cut-off, sawing, drilling and dressing tools and as a supplier of tool and machine systems for the construction and natural stone industry. The high quality standards applying to our products, our dealings within and outside of the company and the services we render to our business partners are embodied in the company's strategic orientation.

A key success factor is the continual development of new technologies geared to the needs of our customers, users, the markets and the environment.

All diamond tools from TYROLIT comply with EN standard EN13236 and "oSa"!

Product labelling according to quality lines

TYROLIT offers the professional user three quality levels in the high-end segment. A star-based system has been in use to identify these levels since 2008.

PREMIUM ★★★

Quality tools for maximum performance

Maximum performance and life, comprehensive product range

STANDARD ★★

Quality tools for everyday use

Convincing performance and life, for the professional user

BASIC ★

Quality tools for general applications

Good performance and life, versatile

Product labelling according to application

TYROLIT diamond dry-cutting saws are among the best tools available for a broad range of applications.



Universal



Concrete



Hard stone



Abrasive materials



Asphalt



Marble, soft stone



Tiles



Steel

Specification key for TYROLIT diamond dry-cutting saws

Example: DCAB***-FC/DCABP-FC

Position 1-2	Programme	DC	Dry cutting
Position 3-4	Application	AB	Abrasive materials
		U	Universal (gen. building materials)
		C	Concrete
		H	Hard stone, granite
		A	Asphalt
		M	Marble, soft stone
		T	Tiles
Position 5-7	Quality line		PREMIUM ***
			STANDARD **
			BASIC *
Position 8-9	Feature	FC	Fast cut
		S	Silent
		LL	Long life

TOOLS FOR USE ON ANGLE GRINDERS



Dry-cutting saws up to 230 mm for general building materials



DCU ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
464537	115 x 2,0 x 22,23	10
464539	125 x 2,0 x 22,23	10
464540	150 x 2,4 x 22,23	12
464543	180 x 2,4 x 22,23	12
464544	230 x 2,4 x 22,23	12



DCU ★★		
Shape: C3		
Type no.	Dimensions	Segment height
467443	115 x 2,0 x 22,23	7
467444	125 x 2,0 x 22,23	7
467445	150 x 2,6 x 22,23	9
467446	180 x 2,6 x 22,23	9
467448	230 x 2,6 x 22,23	9



DCU ★		
Shape: C3		
Type no.	Dimensions	Segment height
466082	105 x 2,0 x 20/16	7
466083	115 x 2,0 x 22,23	7
466084	125 x 2,0 x 22,23	7
466086	150 x 2,6 x 22,23	9
466087	180 x 2,6 x 22,23	9
466090	230 x 2,6 x 22,23	9



DCU ★★★ -FC 4 IN 1		
Shape: C6R		
Type no.	Dimensions	Segment height
474743	115 x 2,0 x 22,23	10
474746	125 x 2,0 x 22,23	10
474751	150 x 2,4 x 22,23	9
474752	180 x 2,4 x 22,23	9
474753	230 x 2,4 x 22,23	9



DCU ★★ -FC		
Shape: C3R		
Type no.	Dimensions	Segment height
467414	115 x 2,0 x 22,23	7
467416	125 x 2,0 x 22,23	7
467428	150 x 2,4 x 22,2	9
467430	180 x 2,4 x 22,2	9
467431	230 x 2,4 x 22,2	9



DCU ★-FC		
Shape: C3R		
Type no.	Dimensions	Segment height
467266	105 x 2,0 x 20/16	7
467267	115 x 2,0 x 22,23	7
467268	125 x 2,0 x 22,23	7
467271	150 x 2,4 x 22,23	9
467273	180 x 2,4 x 22,23	9
467276	230 x 2,4 x 22,23	9



DCU ★★★-S		
Shape: C3G		
Type no.	Dimensions	Segment height
474771	230 x 2,6 x 22,2	12

DCU ★★-FC 4in1



With the DCU***-FC 4in1, TYROLIT's range includes a saw offering exceptional cutting speeds by international standards. The FC 4in1 features an optimised bond system and uses diamonds of the highest quality. A special blade shape combined with the use of new raw materials for the segments makes this diamond cut-off saw a reliable partner under the toughest conditions. These improvements lead to a reduced temperature, making the saw suitable for deployment on very hard materials and steel.

A winning combination

- Turbo rim for extremely high stock removal rate - significant time savings
- No blade change necessary when cutting concrete, hard stone, abrasive materials and steel
- Robust design with short tooth segmentation for optimised cooling
- Extreme versatility means reduced storage costs
- Straight cuts, neat cut edges thanks to absolutely smooth running
- High safety due to special sintering technology

Facts and figures

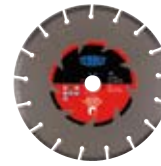
Type no.	Shape	Dimensions	Segment height	Machine
474743	C6R	115 x 2,0 x 22,23	10	
474746	C6R	125 x 2,0 x 22,23	10	
474751	C6R	150 x 2,4 x 22,23	9	
474752	C6R	180 x 2,4 x 22,23	9	
474753	C6R	230 x 2,4 x 22,23	9	

- Optimised HDS® sintering technology
v_s = 80 m/s

TOOLS FOR USE ON ANGLE GRINDERS



Dry-cutting saws up to 230 mm for reinforced concrete and hard materials



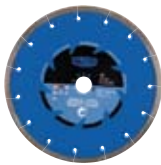
DCC ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
465488	115 x 2,2 x 22,23	10
465489	125 x 2,2 x 22,23	10
465490	150 x 2,4 x 22,23	12
465491	180 x 2,4 x 22,23	12
465492	230 x 2,4 x 22,23	12

DCU ★★★-FC		
Shape: C3R		
Type no.	Dimensions	Segment height
598008	125 x 2,0 x 22,23	7
598010	140 x 2,4 x 22,23	7
598011	150 x 2,4 x 22,23	9

DCC ★★		
Shape: C3		
Type no.	Dimensions	Segment height
474774	115 x 2,0 x 22,23	7
474775	125 x 2,0 x 22,23	7
536789	130 x 2,2 x 22,23	7
474777	150 x 2,6 x 22,23	9
474778	180 x 2,6 x 22,23	9
474780	230 x 2,6 x 22,23	9



Dry-cutting saws up to 230 mm for hard stone



DCH ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
464697	115 x 2,2 x 22,23	10
464698	125 x 2,2 x 22,23	10
464699	150 x 2,4 x 22,23	12
464700	180 x 2,4 x 22,23	12
464701	230 x 2,4 x 22,23	12

DCH ★★★-FC		
Shape: C3		
Type no.	Dimensions	Segment height
475790	115 x 1,2 x 22,23	7
475793	125 x 1,2 x 22,23	7
475797	180 x 1,9 x 22,23	9
475800	230 x 1,9 x 22,23	9

DCH ★		
Shape: C3		
Type no.	Dimensions	Segment height
467386	115 x 2,0 x 22,23	7
467387	125 x 2,0 x 22,23	7
467388	150 x 2,4 x 22,23	7
467389	180 x 2,4 x 22,23	9



Dry-cutting saws up to 230 mm for abrasive materials



DCAB ★★★		
Shape: C3W/C3SW		
Type no.	Dimensions	Segment height
465976	115 x 2,2 x 22,23	10
465977	125 x 2,2 x 22,23	10
465979	150 x 2,2 x 22,23	10
465980	230 x 2,4 x 22,23	10

DCAB ★		
Shape: C3		
Type no.	Dimensions	Segment height
465672	115 x 2,2 x 22,23	7
465674	125 x 2,2 x 22,23	7
465677	150 x 2,2 x 22,23	10
465686	230 x 2,4 x 22,23	10



DCH ★★★-FC

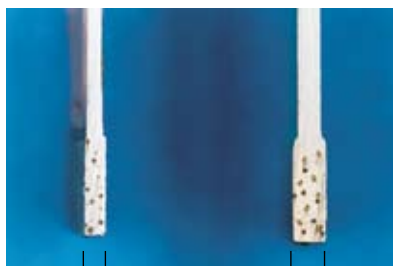


The DCH***-FC from TYROLIT enables the user to carry out cutting-off work swiftly and to precise dimensions, without any great exertion. The DCH***-FC is a “super thin” diamond cut-off saw with a segment thickness of 1,2 / 1,9 mm. It combines extremely high cutting ability with minimal dust generation and absolutely smooth running.

A winning combination

- Extremely high stock removal rate due to super thin 1,2 mm / 1,9 mm segment width – an extreme time-saving factor for the user
- High cutting ability means less effort on the part of the user
- Health benefits for the user due to reduced dust generation
- Neat cut edges with minimal break-out thanks to absolutely smooth running
- Bases of slots shot-peened for enhanced safety – protection from segment breakage

Ultra-thin



1,2 mm
1,9 mm

2,2 mm
2,6 mm

Facts and figures

Type no.	Shape	Dimensions	Segment height	Machine
474790	C3	115 x 1,2 x 22,23	7	
474793	C3	125 x 1,2 x 22,23	7	
474797	C3	150 x 1,9 x 22,23	9	
475800	C3	230 x 1,9 x 22,23	9	

- Optimised HDS® sintering technology
 $v_s = 80 \text{ m/s}$

TOOLS FOR USE ON ANGLE GRINDERS



Dry-cutting saws up to 230 mm for tiles



DCT ★★★		
Shape: 1A1R		
Type no.	Dimensions	Segment height
475828	100 x 1,6 x 22,23	7
475830	115 x 1,6 x 22,23	7
475831	125 x 1,6 x 22,23	7
475969	150 x 2,0 x 22,23	9
475971	180 x 2,0 x 22,23	9
475973	230 x 2,0 x 22,23	9

DCT ★★★		
Shape: 1A1R		
Type no.	Dimensions	Segment height
177670	100 x 1,4 x 22,2	7

DCT ★		
Shape: 1A1R		
Type no.	Dimensions	Segment height
535439	100 x 1,6 x 22/16	7
475975	100 x 1,6 x 22,23	7
475978	115 x 1,6 x 22,23	7
475980	125 x 1,6 x 22,23	9
475983	180 x 2,0 x 22,23	9
475986	230 x 2,0 x 22,23	9



Dry-cutting saws up to 230 mm for soft stone, plastics, carbon fibre, composites, fibre glass



DCM ★★★		
Shape: UC3		
Type no.	Dimensions	Segment height
315968	115 x 2,5 x 22,23	1,5
315967	125 x 2,5 x 22,23	1,5
547611	150 x 3 x 22,23	1,5
315966	180 x 3 x 22,23	1,5
315965	230 x 3 x 22,23	2

DCM ★★ ★



The DCM*** diamond blade from TYROLIT cuts most soft materials and gives a very clean cut. This electroplated diamond cut-off saw comes into its own above all in rescue operations, as well as on soft stone and the most diverse plastics and composites.

A winning combination

- Suitable for universal use in rescue operations
- No blade change necessary when cutting steel, soft stone, plastics, fibre glass, carbon fibre and composites
- Suitable for use in any rotational direction – no possibility of incorrect clamping
- Pure diamond layer eliminates any need for re-sharpening
- Neat cut edges with minimal break-out thanks to absolutely smooth running
- Enhanced safety due to 6 protective segments against undercutting effect – protection against segment loss

Facts and figures

Type no.	Shape	Dimensions	Segment height	Machine
315968	UC3	115 x 2,5 x 22,23	1,5	
315967	UC3	125 x 2,5 x 22,23	1,5	
547611	UC3	150 x 3 x 22,23	1,5	
315966	UC3	180 x 3 x 22,23	1,5	
315965	UC3	230 x 3 x 22,23	2	
439591	UC3	300 x 3 x 20	2	
440056	UC3	300 x 3 x 22,23	2	
449224	UC3	300 x 3 x 25,4	2	
490961	UC3	350 x 3 x 20	2	
16009	UC3	350 x 3 x 22,23	2	
490962	UC3	350 x 3 x 25,4	2	

- Electroplated with diamond
- Up to 230 mm - $v_s = 80$ m/s
- As of 300 mm - $v_s = 100$ m/s

TOOLS FOR USE ON PETROL CUTTING GRINDERS



Dry-cutting saws from 300 mm to 450 mm for general building materials



DCU ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
464545	300 x 2,6 x 20	12
464546	300 x 2,6 x 22,23	12
464549	300 x 2,6 x 25,4	12
464550	300 x 2,6 x 30	12
464551	350 x 3 x 20	12
464552	350 x 3 x 22,23	12
464553	350 x 3 x 25,4	12
464554	350 x 3 x 30	12
464555	400 x 3 x 20	12
464556	400 x 3 x 25,4	12

DCU ★★		
Shape: C3W		
Type no.	Dimensions	Segment height
464853	300 x 2,6 x 20	10
464854	300 x 2,6 x 22,23	10
464855	300 x 2,6 x 25,4	10
464858	350 x 3 x 20	10
465661	350 x 3 x 22,23	10
464859	350 x 3 x 25,4	10
465667	400 x 3,2 x 20	10

DCU ★		
Shape: C3W		
Type no.	Dimensions	Segment height
466093	300 x 2,6 x 20	10
466094	300 x 2,6 x 22,23	10
466095	300 x 2,6 x 25,4	10
466096	350 x 3 x 20	10
466098	350 x 3 x 22,23	10
466099	350 x 3 x 25,4	10
529399	400 x 3,2 x 25,4	10
529401	450 x 3,6 x 25,4	10



DCU ★★ -FC		
Shape: C3R		
Type no.	Dimensions	Segment height
467433	300 x 3 x 20	10
467434	300 x 3 x 22,23	10
467435	300 x 3 x 25,4	10
467436	350 x 3 x 20	10
467438	350 x 3 x 22,23	10
467439	350 x 3 x 25,4	10

DCU ★-FC		
Shape: C3R		
Type no.	Dimensions	Segment height
467280	300 x 3 x 20	10
467281	300 x 3 x 22,23	10
467282	300 x 3 x 25,4	10
467285	350 x 3 x 20	10
467288	350 x 3 x 22,23	10
467289	350 x 3 x 25,4	10



Dry cutting saws from 300 mm to 400 mm for reinforced concrete and hard materials



DCC ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
465493	300 x 2,6 x 20	12
465494	300 x 2,6 x 22,23	12
465495	300 x 2,6 x 25,4	12
465496	350 x 3 x 20	12
465498	350 x 3 x 22,23	12
465499	350 x 3 x 25,4	12
465501	400 x 3 x 20	12

DCC ★★		
Shape: C3W		
Type no.	Dimensions	Segment height
465503	300 x 2,6 x 20	10
465505	300 x 2,6 x 22,23	10
465507	300 x 2,6 x 25,4	10
465509	350 x 3 x 20	10
465662	350 x 3 x 22,23	10
465512	350 x 3 x 25,4	10
485041	400 x 3,2 x 20	10

DCC ★★-LL		
Shape: C3W		
Type no.	Dimensions	Segment height
484994	300 x 2,6 x 20	10
484996	300 x 2,6 x 22,23	10
484999	300 x 2,6 x 25,4	10
485001	350 x 3 x 20	10
485003	350 x 3 x 25,4	10
485004	400 x 3,2 x 20	10

DCA+C ★★★

2in1

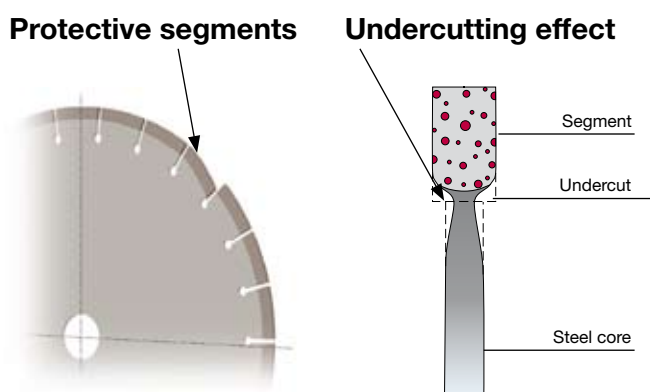


DCA+C*** from TYROLIT achieves the perfect compromise between high cutting ability and excellent stability. This highly wear-resistant yet fast diamond cut-off saw has been developed specifically for use in road construction, for cutting both asphalt top layers and concrete. Additional protective segments prevent undercutting of the blade, thereby minimising the likelihood of segment loss.

A winning combination

- Increased flexibility through suitability for use on asphalt and concrete
- Increased stability due to laser welding and 3 protective segments against the undercutting effect – protection against segment loss
- Also suitable for use on floor saws
- Also suitable for wet cutting

Inclined protective segments prevent the undercutting effect.



Facts and figures

Type no.	Shape	Dimensions	Segment height	Machine
465640	C73SW	300 x 2,6 x 20	10	
465642	C73SW	350 x 3 x 25,4	10	

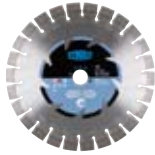
— $v_S = 100 \text{ m/s}$



TOOLS FOR USE ON PETROL CUTTING GRINDERS



Dry-cutting saws from 300 mm to 400 mm for hard stone



DCH ★★★		
Shape: C6W		
Type no.	Dimensions	Segment height
464702	300 x 2,6 x 20	12
464703	300 x 2,6 x 22,23	12
464706	300 x 2,6 x 25,4	12
464707	350 x 3 x 20	12
464710	350 x 3 x 22,23	12
464711	350 x 3 x 25,4	12
464712	400 x 3 x 20	12

DCH ★		
Shape: C3W		
Type no.	Dimensions	Segment height
467391	300 x 2,6 x 20	10
467392	300 x 2,6 x 22,23	10
467394	300 x 2,6 x 25,4	10
467395	350 x 3 x 20	10
467396	350 x 3 x 22,23	10
467400	350 x 3 x 25,4	10



Dry-cutting saws from 300 mm to 450 mm for asphalt



DCA ★★★ / DCA+C ★★★ 2 IN 1		
Shape: C7SW / C73SW		
Type no.	Dimensions	Segment height
465982	300 x 2,8 x 20	10
465983	300 x 2,8 x 22,23	10
465984	300 x 2,8 x 25,4	10
465985	350 x 3 x 20	10
465987	350 x 3 x 25,4	10
465640	300 x 2,6 x 20	10
465642	350 x 3 x 25,4	10

DCA ★★		
Shape: C1SW		
Type no.	Dimensions	Segment height
465519	300 x 2,8 x 20	10
465520	350 x 3 x 20	10
465522	350 x 3 x 25,4	10
465525	400 x 3,2 x 25,4	10
465526	450 x 3,6 x 25,4	10

DCA ★		
Shape: C1SW		
Type no.	Dimensions	Segment height
465649	300 x 2,8 x 20	10
465656	300 x 2,8 x 22,23	10
465650	300 x 2,8 x 25,4	10
465651	350 x 3 x 20	10
465652	350 x 3 x 25,4	10
529402	400 x 3,2 x 25,4	10
529403	450 x 3,6 x 25,4	10



Dry-cutting saws from 300 mm to 350 mm for soft stone, plastics, carbon fibre, composites, fibre glass



DCM ★★★		
Shape: UC3		
Type no.	Dimensions	Segment height
439591	300 x 3 x 20	2
440056	300 x 3 x 22,23	2
449224	300 x 3 x 25,4	2
490961	300 x 3 x 20	2
16009	350 x 3 x 22,23	2
490962	350 x 3 x 25,4	2



TYROLIT SCHLEIFMITTELWERKE SWAROVSKI K.G.

Swarovskistraße 33 | 6130 Schwaz | Austria

Tel +43 5242 606-0 | Fax +43 5242 633-98

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