

STABILO Deka CC

Dimensions 648 x 5.4/3.65/6.8 x 160 mm

Teeth 14 TCT teeth . Tooth form alternate top bevel tooth . Tooth type 4 Plus
Deka style with 10 chip clearance slots

Features AST Graduated Saw Blade Technology, gradation type ESZF
one side dual gradation from 6.8 to 3.65 mm . CoolCut

STABILO . Graduated to the advanced technology saw class

Developing the Graduated Saw Blade Technology AST first allowed sawmills to optimise their productivity long term. Now, high-capacity reducing and profiling lines primarily use the Graduated Saw Blade Technology AST.

The striking STABILO circular saw blades allow for small kerfs in rough and fine cutting, particularly with markedly high feed rates and large cutting heights, and feature a high durability to

convince you. Renowned machine manufacturers therefore equip their particularly strong rough cutting aggregates, and increasingly even fine cutting units, with graduated circular saw blades. Just as our BASIC circular saw blades, we can additionally integrate CoolCut into the STABILO graduated blade profile.

The HDS plus factors of STABILO

+ Individual blade profile

No two STABILO are alike, since each circular saw blade has a custom blade profile taking your cutting program into account, with single or dual gradation on one or both sides. This always ensures the optimal dynamic rigidity which the outstanding performance of the STABILO class is based on.

+ Reduced kerf or increased feed rate

The particularly high dynamic rigidity of the core achieved using the Graduated Saw Blade Technology yields two particularly beneficial options. For one, the kerf can be reduced whilst maintaining the feed rate, and on the other hand the feed rate can be reduced whilst maintaining the kerf. Both result in a significant increase in efficiency.

+ Energy saving

Compared to a straight circular saw blade, STABILO is a true energy saver, since the kerf reduction generates less pressure, which in turn results in energy savings for you.

+ Long service life

The name "STABILO" alone suggests the extremely solid and robust saw body, which in and of itself already means a long life and further allows for multiple regenerations.

+ Low level of heating

With the thinnest point of the STABILO circular saw blade being at the tooth area, the frictional heat generated by sawdust here is reduced significantly. This factor, which is so critical in stability, can be further enhanced by the CoolCut option.

+ Chip clearance slots facing

The STABILO can optionally also use facing chip clearance slots, which protects the collar from excessive heating, thus burns, on the model end.

+ Reduced bearing load

Using smaller distance rings significantly reduces strain on the bearing load on the shaft. In addition it makes it easier to handle when changing the circular saw blade, since it only requires distance rings in the machine flange diameter.

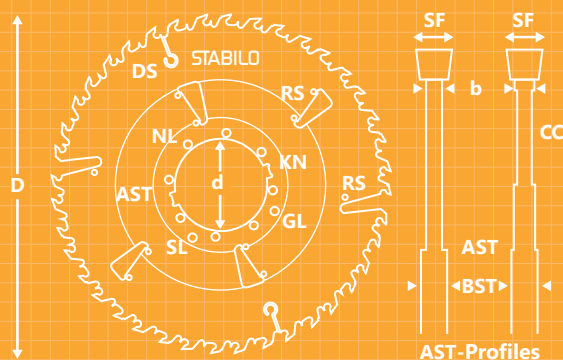


STABILO CIRCULAR SAW BLADES



Our "SoWa Sawmill Optimised Tool Design" ensures you will have a top class STABILO circular saw blade customised for industrial use at your sawmill. Here we draw on our decades of experience and incorporate every single detail of your requirements such as machine model, cutting program, and the type of wood. This optimisation process ensures you receive a STABILO which is best matched to your cutting production, thus extremely efficient.

b Saw body thickness . **BST** Collar thickness . **CC** CoolCut . **D** Diameter
d Bore . **DS** Expansion slot . **GL** Threaded hole . **KN** Key way
NL Pin hole . **RS** Chip clearance slot . **SF** Kerf . **SL** Countersunk hole



STABILO Tetra CC

HDS-No. 14899

Dimensions

Diameter	490.0 mm
Kerf	3.3 mm
Saw body thickness	2.3 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

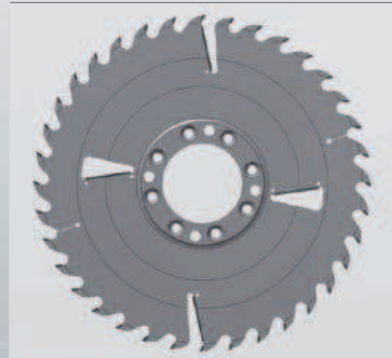
Cutting material

ST	
Number of teeth	32+4
Tooth form	F
Tooth type	4

AST-Type

BSEF	
Collar diameter	313.0 mm
Collar thickness	5.3 mm

CoolCut CC



STABILO Tetra dCC

HDS-No. 13617

Dimensions

Diameter	520.0 mm
Kerf	4.0 mm
Saw body thickness	2.6 mm
Bore	125.0 mm
Key ways	0
Pin-/countersunk holes	4+8

Cutting material

TCT	
Number of teeth	36+4
Tooth form	W
Tooth type	4

AST-Type

ESEF	
Collar diameter	190.0 mm
Collar thickness	6.0 mm

double CoolCut dCC

Features

Expansion slots	2
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STABILO Tetra

HDS-No. 15924

Dimensions

Diameter	540.0 mm
Kerf	4.0 mm
Saw body thickness	2.6 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material

TCT	
Number of teeth	18+4
Tooth form	F
Tooth type	4

AST-Type

BSEF	
Collar diameter	260.0 mm
Collar thickness	4.0 mm

Features

Expansion slots	4
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STABILO Tetra

HDS-No. 13029

Dimensions

Diameter	540.0 mm
Kerf	3.6 mm
Saw body thickness	2.3 mm
Bore	150.0 mm
Key ways	2+2
Pin-/countersunk holes	0

Cutting material

TCT	
Number of teeth	46+4
Tooth form	F
Tooth type	4






AST-Type

ESEF	
Collar diameter	324.0 mm
Collar thickness	4.6 mm

CoolCut CC



TCT- and ST-Circular saw blades

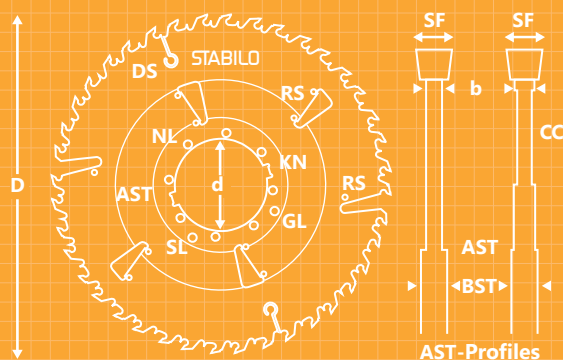
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TCT- and ST-Circular saw blades

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