

### BASIC

Dimensions	655 x 5.1/4.0 x 142 mm
Teeth	30 TCT teeth . Tooth form flat tooth . Tooth type 4 Style with 9 chip clearance slots
Features	9 pin holes 11 mm on pitch circle 248 mm . 6 pin holes 11 mm on pitch circle 165 mm . 3 knife slots

## Our BASIC already defines the HDS quality standard

BASIC is the result of decades of experience which continuously impacted the development process of the technologies used. So you now have a highly optimised, and tried and tested circular saw blade with numerous optional refinements.

We already draw on the highest quality materials when manufacturing the saw body. The respective heat treatments we select support the high HDS standard.

BASIC is manufactured precisely to your needs, so every piece of information about the specific operating conditions at your sawmill impacts the construction of your BASIC.

The additional application of our CoolCut option further perfects the performance of the circular saw blade with regard to optimal chip transport, preventing excess heating, reducing the kerf, extending the service life and/or increasing the feed rate.

### The HDS plus factors of BASIC

#### Extremely smooth running

Even our BASIC is extremely smooth running, achieved by incorporating the internal tensioning in the special saw body style. These exemplary running properties contribute to increasing the stability of the circular saw blade.

#### **Deflection-free cuts**

Even at a peak load our BASIC keeps its shape, since the optional expansion slots with optional end hole or expansion slots with copper rivets limit thermal expansion. This ensures deflection-free cuts.

#### + Reduced blade heating

In most cases the BASIC blade features TCT chip clearance slots, significantly reducing heating of the saw body. Our special geometry and the machined contour of the chip clearance slots ensure very little sawdust collects.

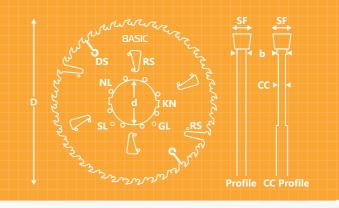
#### Reduced kerf

Select the option "CoolCut" or "double CoolCut" to reduce the kerf. A reduction is then applied to the outside of the saw blade, reducing excessive heating to the point the overall construction can be designed with an even thinner kerf.



The "SoWa Sawmill Optimised Tool Design" make for maximum level circular saw blades for industrial sawmill use. Your circular saw blades are coordinated to your specific requirements and operating conditions. Using the technical data in our database and 3D CAD models production of your circular saw blades can always be automated and is reproducible.

b Saw body thickness . CC CoolCut . D Diameter . d Bore





## BASIC

Dimensions			
Diameter	350.0	m	m
Kerf	4.8	m	m
Saw body thickness	3.2	m	m
Bore	100.0	m	m
Key ways			0
Pin-/countersunk he	oles		3

<b>Cutting material</b>		
Number of teeth		
Tooth form		
Tooth type		

HDS-No. 15020

4

Features

**Expansion slots** 

тст

62

FS 4

тст

40

F

4

тст

тст 32

> F 4

36

F 4

HDS-No. 14198

### BASIC

#### Dimensions 355.0 mm Diameter Kerf 3.2 mm Saw body thickness 2.2 mm Bore 75.0 mm Key ways 2+2 Pin-/countersunk holes 0

Cutting material
Number of teeth
Tooth form
Tooth type

## Features

4 **Expansion slots** 



### BASIC

BASIC

Dimensions		
Diameter	445.0	mm
Kerf	3.6	mm
Saw body thickness	2.6	mm
Bore	80.0	mm
Key ways		0
Pin-/countersunk ho	oles	6

Cutting material			
Number of teeth			
Tooth form			
Tooth type			

## HDS-No. 13269

Features Cooling slots/holes 6+6

#### HDS-No. 15432

Dimensions		
Diameter	610.0	mn
Kerf	4.0	mm
Saw body thickness	2.8	mm
Spline-Bore	139.7	mm
Key ways		(
Pin-/countersunk ho	oles	(

Cutting material
Number of teeth
Tooth form
Tooth type



#### TCT- and ST-Circular saw blades







### **BASIC Duo**

Dimensions				
Diameter	300.0 mm			
Kerf	3.6 mm			
Saw body thickness	2.4 mm			
Bore	80.0 mm			
Key ways	2+2			
Pin holes	0			

<b>Cutting material</b>	тст
Number of teeth	16+2
Tooth form	F
Tooth type	4

#### HDS-No. 10868

HDS-No. 13254

2

## **BASIC Duo**

Dimensions Diameter 450.0 mm Kerf 4.6 mm Saw body thickness 3.2 mm Bore 105.0 mm Key ways 2+2 Pin-/countersunk holes 0

Cutting material	тст	F
Number of teeth	44+2	E
Tooth form	F	
Tooth type	4	

Features Expansion slots

HDS-No. 14338

## **BASIC** Tria

**BASIC** Tria

Dimensions

Diameter

Kerf

Bore

Key ways

#### Dimensions

Diameter 470.0 mm Kerf 3.2 mm Saw body thickness 2.0 mm 150.0 mm Bore Key ways 2+2 Pin-/countersunk holes 0

500.0 mm

140.0 mm

0 8

5.8 mm

Cutting material	тст
Number of teeth	30+3
Tooth form	F
Tooth type	4

**Cutting material** 

Number of teeth

Tooth form

Tooth type

C Ν

T

ST

W

Λ

⊦3 F

us

48+3

HDS-No. 14673





# **BASIC** Tria Plus

Pin-/countersunk holes

Saw body thickness 4.0 mm

Dimensions		
Diameter	535.0	mm
Kerf	2.8	mm
Saw body thickness	1.8	mm
Bore	150.0	mm
Key ways		2+2
Pin-/countersunk he	oles	0

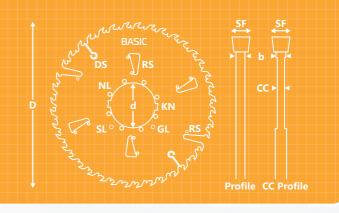
utting material	т
lumber of teeth	36-
ooth form	
ooth type	4 Pl

HDS-No. 10077

**OVERVIEW OF OUR PRODUCT VARIANTS BASIC CIRCULAR SAW BLADES** 

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b Saw body thickness . CC CoolCut . D Diameter . d Bore RS Chip clearance slot . SF Kerf . SL Countersunk hole



Features

тст

36+4

4 Plus

F

Bevelled gullet



## Pin-/countersunk holes **BASIC** Tetra Plus

Key ways

**BASIC** Tetra

Saw body thickness 3.4 mm

470.0 mm

130.0 mm 2

12

5.0 mm

Dimensions

Diameter

Kerf

Bore

#### Dimensions

490.0 mm Diameter 4.4 mm Kerf Saw body thickness 3.0 mm Bore 150.0 mm 2+2 Key ways Pin-/countersunk holes 0

Cutting material	тст
Number of teeth	52+4
Tooth form	W
Tooth type	4

**Cutting material** 

Number of teeth

Tooth form

Tooth type

HDS-No. 15416

HDS-No. 10423





### **BASIC** Tetra Plus

#### Dimensions Diameter 507.0 mm Kerf 5.0 mm Saw body thickness 3.6 mm 120.0 mm Bore 0 Key ways Pin holes 2 x oval+4

Cutting material	тст
Number of teeth	18+4
Tooth form	F
Tooth type	PV Plus

HDS-No. 16885

HDS-No. 15454

Dimensions	
Diameter	450.0 mm
Kerf	4.4 mm
Saw body thickness	3.0 mm
Bore	115.2 mm
Key ways	0
Pin-/countersunk h	oles 2+16

**BASIC** Hexa Plus

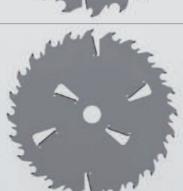
Cutting material	тст
Number of teeth	30+6
Tooth form	F
Tooth type	4 Plus



#### TCT- and ST-Circular saw blades









#### Dimensions 490.0 mm Diameter Saw body thickness 5.6 mm

Kerf 4.2 mm Bore 150.0 mm Key ways 2+2 Pin-/countersunk holes 0

Cutting material	тст
Number of teeth	36+6
Tooth form	F
Tooth type	4 Plus

HDS-No. 10413

## **BASIC Hexa dCC Plus**

Dimensions Diameter 545.0 mm Kerf 46 mm Saw body thickness 3.1 mm Bore 150.0 mm Key ways 2+2 0 Pin-/countersunk holes

<b>Cutting material</b>	тст
Number of teeth	18+6
Tooth form	F
Tooth type	4 Plus



HDS-No. 14287

2

Tooth type	4 Plus
double <mark>CoolCut</mark>	dC

HDS-No. 11264



## **BASIC Hexa Plus**

#### Dimensions

Dimensions

Diameter

Kerf

Bore

Key ways

Diameter 550.0 mm Kerf 4.8 mm Saw body thickness 3.4 mm 60.0 mm Bore Key ways 0 0 Pin-/countersunk holes

**BASIC Octo dCC Plus** 

Saw body thickness 4.1 mm

780.0 mm

160.0 mm

6.0 mm

2

6

Cutting material	тст
Number of teeth	24+6
Tooth form	F
Tooth type	4 Plus

**Cutting material** 

Number of teeth

Tooth form

HDS-No. 13817

HDS-No. 11162

2

Features



TCT 20+8 Expansion slots W

Features

Expansion slots



## **BASIC** Deka

Pin-/countersunk holes

Dimensions	
Diameter	695.0 mm
Kerf	5.9 mm
Saw body thickness	4.0 mm
Bore	120.0 mm
Key ways	0
Pin-/countersunk holes	

СТ
10
F
4