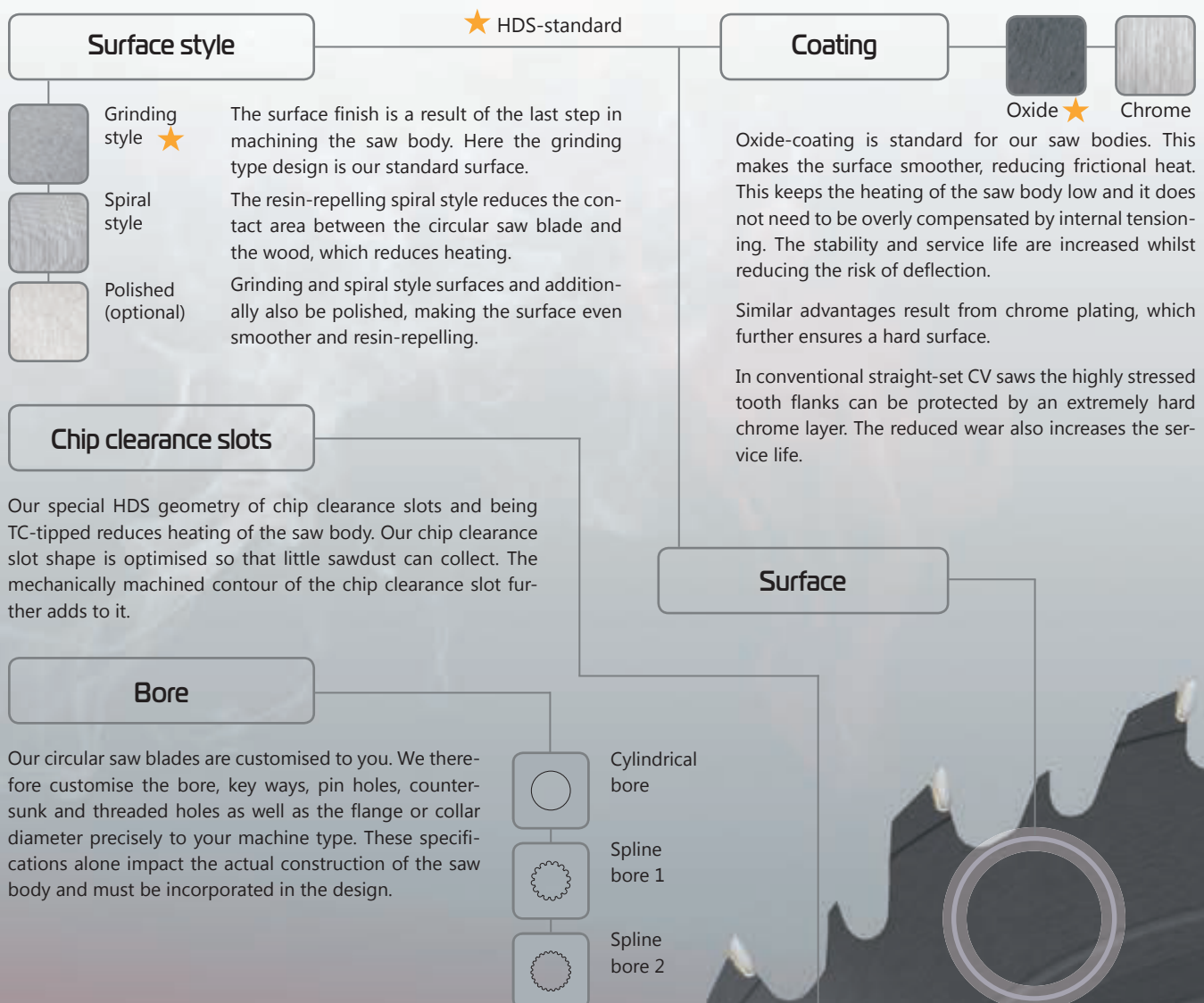
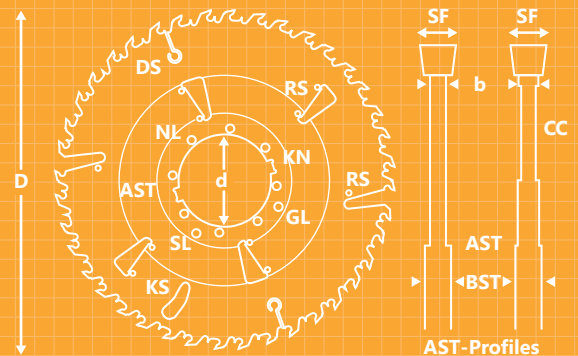


TECHNOLOGY

Body of circular saw blade

A circular saw blade for heavy duty use in sawmills is the result of constructing countless design characteristics to the exact conditions at your sawmill based on the specific cutting program, machine type and the type of wood. It requires a precise analysis of the application for us to design a circular saw blade optimal for its subsequent application.

Here we will briefly introduce you to the key design characteristics of the saw body.



Surface style

★ HDS-standard

- Grinding style ★** The surface finish is a result of the last step in machining the saw body. Here the grinding type design is our standard surface.
- Spiral style** The resin-repelling spiral style reduces the contact area between the circular saw blade and the wood, which reduces heating.
- Polished (optional)** Grinding and spiral style surfaces and additionally also be polished, making the surface even smoother and resin-repelling.

Coating



Oxide-coating is standard for our saw bodies. This makes the surface smoother, reducing frictional heat. This keeps the heating of the saw body low and it does not need to be overcompensated by internal tensioning. The stability and service life are increased whilst reducing the risk of deflection.

Similar advantages result from chrome plating, which further ensures a hard surface.

In conventional straight-set CV saws the highly stressed tooth flanks can be protected by an extremely hard chrome layer. The reduced wear also increases the service life.

Chip clearance slots

Our special HDS geometry of chip clearance slots and being TC-tipped reduces heating of the saw body. Our chip clearance slot shape is optimised so that little sawdust can collect. The mechanically machined contour of the chip clearance slot further adds to it.

Bore

Our circular saw blades are customised to you. We therefore customise the bore, key ways, pin holes, counter-sunk and threaded holes as well as the flange or collar diameter precisely to your machine type. These specifications alone impact the actual construction of the saw body and must be incorporated in the design.

- Cylindrical bore
- Spline bore 1
- Spline bore 2

STABILO Hexa CC

- Dimensions** 510 x 4.7/3.5/4.9 x 150 mm
- Teeth** 18 TCT teeth . Tooth form flat tooth . Tooth type 4 Plus Hexa style with 6 chip clearance slots
- Features** AST Graduated Saw Blade Technology, gradation type ESEF one side with single gradation from 4.9 to 3.5 mm . CoolCut CC
- HDS-No.** 12388