

Manufacturing process with 100% controls – TCT Circular Saw Blade Production

Dear Sirs,

We already informed you that we only use the best pre-materials available.

Now we want to inform you in detail about our production process with controls on each step.

Beginning with laser cutting of the saw body each plate is controlled visually and metrologically. To guarantee H7 bore we have to measure the bore of each blade with a plug gauge.

Next step is tensioning of the plates; each plate is controlled afterwards to reach highest quality.

Levelling of the saw bodies and control of all parts is following.

The plane grinding of the plates is the final step in the saw body protection.

Now, we are moving to the TCT saw blade production.

Brazing the carbide tips on the plates is 100% controlled, same as face, side and top grinding.

Polishing is following with a 100% visual control.

We are using laser machines to label the saw blades with technical information and logo; of course with a 100% control.

One of the most important steps is following: 100% control of the run out and flatness reaching very narrow tolerances resulting in high quality saw blades.

Final step is rust protection of all blades with special fluid.

Each saw blade is wrapped in special foil and packed in a single box.