

SWEDEX BLADE PRODUCTION

Welcome to a short journey through the Swedex saw blade production line in Mjölby, Sweden.

All the saw blades are individually drawn and calculated in AutoCAD with a special module for optimisation for saw blades.



The saw blade is cut with a laser. The steel dimensions are adjusted to minimize waste.



Tempering is done during the night. The hardness is adjusted to the specific saw blade, normally between 42-45 HRC.





The centre bore has a perfect surface with chamfer on both sides for quality reasons.

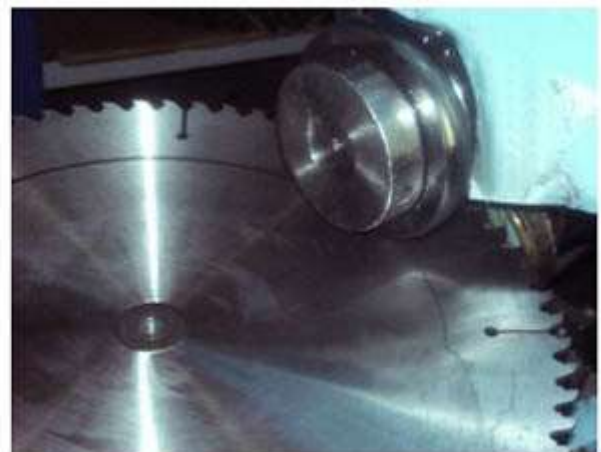


The surface grinding operation produces the correct thickness and surface of the steel body.



It is a skilful job to level a saw blade with a hammer.

To give a good cutting result the saw blade needs to have exact tensioning in accordance with speed of revolution (rpm) and use.

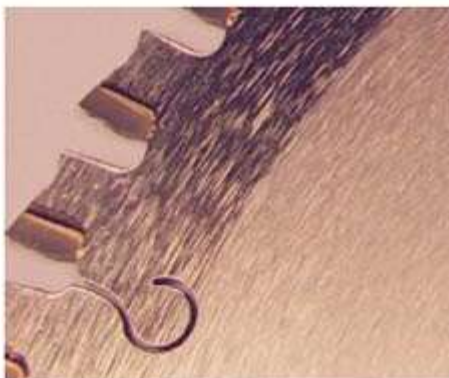




The quality is measured with modern equipment by skilled personnel.



The carbide tips (TCT) is normally brazed with a three layer silver-copper-silver. Swedex has the latest automatic brazing machine on the market.



Swedex was the first to implement polishing instead of sand blasting as production standard.



Swedex uses robot loaded TCT grinding machines which combine productivity with the highest quality.





Surface polishing gives the saw blade its final surface quality.



The saw blades have laser markings with logotype, type information and production data.



Swedex has over 70,000 saw blades ready for delivery.

We have both Swedex packings and special customized packings for our customers.

