

Case study

Circular economy

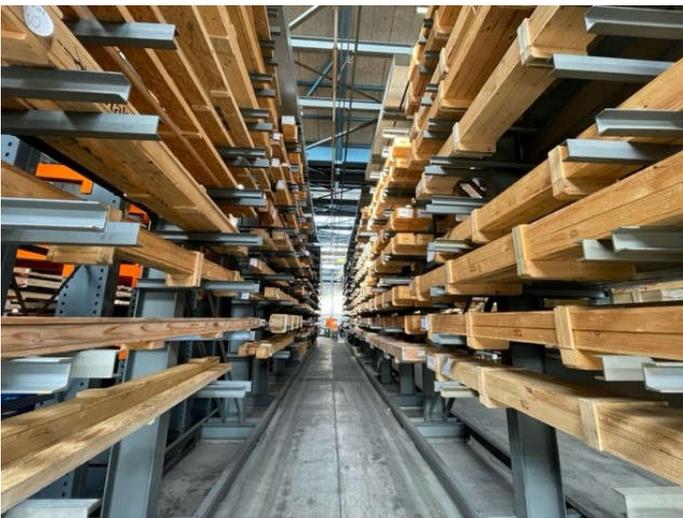
Services and supply possibilities of high performance materials for the watch, medical, aerospace and process industry and supporting the circular economy at the same time, with Hempel Special Metals.

Question / Challenge

To ensure the supply chain, even in difficult and uncertain market environments, is a real challenge. Especially if the customer needs a high performance material like the re-melted stainless steel grade 1.4441/316LVM. Due to its excellent corrosion resistance and purity used a lot in the watch and medical industry. Hempel also offers other special materials such as titanium, tantalum, nickel alloys and many more. Collecting the scrap in any form and material from our customers and providing it to the mills help to close the circuit of the economy. In this case we would like to show our possibilities and the resulting benefits for our customers, taking round bars as an example.

Solutions and customer benefit

We at Hempel work with long term partners and mills all over the world. Our strong relationships and know how in material distribution help us to secure supply chains, even in difficult times. The variety of our services enable us to fulfill almost every wish from any customer.



1. Stock holding

To prevent material shortage we offer frame contracts and security stocks.

2. Sawing

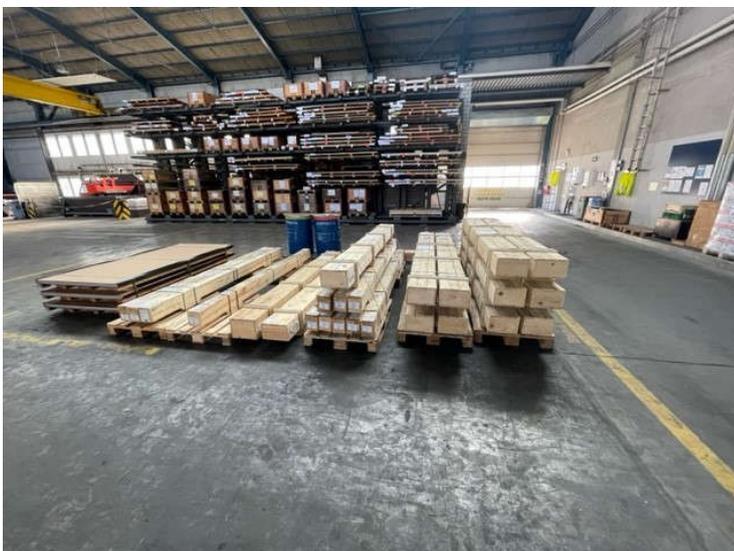
We have the possibility to cut the round bars in specific lengths using our saw.





3. Chamfering
We are also equipped to chamfer the round bars, one or both sides 30° / 5 mm.

4. Marking
To guarantee the traceability and avoid mixing different materials we can mark each bar. Either way inscribed alongside the bar or colored at the bar ends regarding customer preference.



5. Packaging
Choosing an adequate packaging helps protecting the material and supports the handling during unloading the truck and production process of the customer.

6. Transportation

Reliable forwarders deliver the material safe and just in time to our customer's production facilities.



7. Recycling

After the production is before the production. We also offer our customers to collect their scrap using our boxes in order to support the circular economy and supply raw material to the mills for new production.