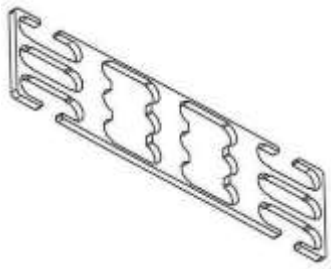


Case study

"Spacer for heating rods" lasered



Question / Challenge:

If the customer does not have a DXF drawing, we can create a DXF drawing using a dimensioned drawing with all radii and tolerances. A DXF drawing is necessary to feed/programme the laser system.

Normally we already receive a DXF drawing from the customer.

Hempel Special Metals – problem, solution and customer benefit:

We pack the lasered parts according to the customer's wishes in bundles, e.g. of 20 pieces. so that the customer has a simple and clear handling.



Another service we can offer is barrel finishing after laser cutting for absolutely burr-free laser parts.

We have worked together with trustworthy companies for many years.

We can also have series parts produced unmanned overnight, thanks to the Pallet Master Tower with 10 tables.



Make / type - Trumpf TruLaser 3030 (L20)

Laser type - TruFlow 5000 (Co²)

Laser power - 5000W

X Working range max. 3000mm

Y Working range max. 1500mm

Z Working range max. 115mm

Cutting capacity stainless - 20mm

Single cutting head strategy

Technology package and nozzle automation - Automatic jet alignment and nozzle changer

DetectLine - Precise sheet detection (highly accurate rework of already cut parts)

FocusLine - Automatic focus adjustment

PlasmaLine - detects plasma formation

LensLine with condition monitoring

ConturLine - enables cutting of holes whose diameter is significantly smaller than the material thickness

AdjustLine - adaptation of the cutting process to different material grades

CoolLine - water cooling during cutting Thick sheets, tighter contours

PalletMaster Tower - system with 10 tables