



## Special Procedure HELIVAC®

### Process description:

HELIVAC® is a special vacuum hardening process which is applied in case of the highest requirements on a component's properties.

### This is applied in the following sectors:

→ Tool manufacturing, automotive industry, aerospace...

### Materials:

→ High-alloyed tool steels, corrosion resistant steels, steels for quenching and tempering, ...

### Key characteristics:

- For heat treatment processes with special requirements
- High quenching speeds to eliminate deformation and to achieve optimised properties

### Maximum component dimensions:

→ 1,200 × 900 × 900 mm (L x W x H)

### What are the most common applications of this process:

→ To adjust strength and toughness parameters for components of special geometry with very high requirements

### Cycle duration:

→ Depending on the shape of the component

### Process duration:

→ Depending on the shape of the component

### Necessary information:

- Material
- Surface hardness
- Possible pre-treatments
- Possible post-treatments

### Important:

→ To guarantee smooth execution prior notification is recommended.

### Contact:

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