

## FIXING BOLT WELDED TO DEEP DRAWN PART



### ■ The task

A casing for electronic parts is to be deep-drawn from an aluminum billet. The completed casing will have a smooth surface, so nothing can be fixed to it. For this reason, threaded bolts or specially bent holding rails are to be attached to the part.

### ■ The solution

These parts, which could also have different geometries, i.e. square, rectangular or entire holding rails, can be welded to the casing quickly and securely.

### ■ The advantages

Even geometrically complex parts can be welded quickly and securely and with good success using torsional technology and without exposing the part to too much heat. Likewise it is possible to join flat parts securely with point-welding.

The quality of each weld is recorded in detail.



The application was carried out on a TSP3000 using additional components for the special rigging.

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