

## > DEFORM IS A LEADER IN PRESSURE VESSEL HEADS FOR SUBMARINES

**Deform has established itself as a recognised expert in the manufacture of pressure vessel heads for the submarine industry. The reference list now includes Kockums, HDW, Nordseewerke and Fincantieri. Submarines where Deform has been a vital subcontractor can now be found all around the world**

The requirements imposed by the submarine industry are frequently extreme. Tack welding is often forbidden, forming requirements are stringent and the materials that are used are very tough. Deform has extensive experience of both stainless steel submarines and submarines where the pressure vessels are made of quenched and tempered steel.

In view of the above, Deform's specialist know-how in metallurgy, hot forming and temper hardening is particularly important in this segment. Requirements are becoming ever more severe. Producing tougher, larger and thicker pressure vessel heads is a challenge we willingly face!

3D-cutting of a bevel on a formed crown plate.



World class test assembly.



3D-forming of a crown plate with a diameter corresponding 4200 mm.



Pressure vessel heads for submarines must be of the highest quality.

