

> PROTECTION INDUSTRY

Quite some years ago, Deform developed a technique for the hot forming of quenched and tempered steels. Our special expertise makes it possible to hot form a plate and then restore the steel's properties without the product losing its shape.

The benefits of this technique are considerable. Welding is avoided, strength is improved, weight/money is saved and tougher steel can be used than is the case for welded designs. On many occasions, ballistic tests have shown that our formed solutions are far superior to welded and overlapping designs.

We now have lots of satisfied customers worldwide and are manufacturing both vehicle and personal protection.

We hot form and restore the properties of all the armour steels on the market and have several references.

The forming of complementary, adhesive protective materials such as aluminium, kevlar/aramid and titanium is also part of our services. To make final assembly as easy and streamlined as possible, we also provide welding and part assembly of components.



▲ Hans-Jürgen Thiede of Deform examining a plate after test shooting.

Complete, assembled protection module with formed armour plates of various hardnesses.



▲ Firewall (hardness 600 HB) for a Toyota Land Cruiser.



▲ We use ballistic tests to evaluate our formed products. Test shooting has taken place in, for example, Germany, France and Sweden.