

## Engineering

No other branch of industry has made its mark on the economy in quite the same way as the automotive industry. Only the best can succeed in the fierce competition over product quality, reliability, innovation, deliverability. For many years now, Böhler has risen to meet this challenge. As a result we count the world's leading automotive companies and their suppliers among our customers. In product development we have concentrated our efforts on highly-loaded materials in the engines e.g. on components such as injection valves, piston rings or valves. Continuous development ensures that the boundaries of possibility are pushed back time and time again.

**VMR**<sup>®</sup> (vacuum quality)

## Energy

### Materials for power generation

#### Who turned on the lights?

Supplying the necessary power whilst minimising the ecological impact is one of the challenges of this generation. Turbines for generators, driven by gas steam or water power, are at the heart of the economy and subsequently our standard of living. The materials used here are subjected to extremes of thermal and mechanical loading. An ongoing test which could not be harder. For this application, BÖHLER has developed steels and alloys, e.g. nickel and cobalt based, which make a continuous increase in the efficiency of turbines possible. The world's leading turbine manufacturers are among our customers.



#### Complementary Products

The complimentary programme includes stainless **Cr-Ni steels**, **stainless Cr-steels**, **case-hardening steels\*** and **heat treatable steels\***.