



## Comparison of surface laser alloying of chosen tool steel using Al<sub>2</sub>O<sub>3</sub> and ZrO<sub>2</sub> powder

<http://www.firstlight.cn> 2010-03-12

In this paper there is presented the laser treatment as a part technology applied for steel surface manufacturing. There is presented laser treatment with remelting of hot work tool steel 32CrMoV12-28 with ceramic powders especially oxides like aluminium oxide and zirconium oxide. The structure as well as improvement of mechanical properties is a practical aim of this work as well as improvement of hardness as a very important properties for practical use.

[存档文本](#)