TOOLMAKER SOLUTIONS BY
CERATIZIT

## **INTRODUCTION**

CARBIDE - PRODUCTION

## Sintering

## **Sintering process**

The sintering process converts the blank into a homogeneous and dense carbide with a high level of hardness. The material is sintered at temperatures between 1,300 and 1,500  $^{\circ}\text{C}$  (liquid phase sintering) and sometimes also at high pressure (up to 100 bar). The volume is reduced by up to 50 % during this process.











