

Tool analysis in cold forging of a valve spring retainer - an application at Kinnings Marlow Ltd, Birmingham, UK -

Paper to be presented at

**ICFG Process Simulation Subgroup** 

Workshop on Process Simulation in Metal Forming Industry

Ankara / Turkey, May 3 - 4, 2001

by

Dr. Gerhard H. Arfmann

## **CPM GmbH, Germany**

The paper shows an industrial application of eesy-2-form in a multi station cold header. The problem was poor tool life due to a non optimised progression. FEA helped to find the problem and indicated possible solutions. The paper shows the results of a related simulation example.























