

BOHLER UDDEHOLM AFRICA

BÖHLER M333 EOPLAST®



This is a tool steel that was designed to cater for a market which demanded a “mirror finish” with a minimum amount of effort. M333 is produced in a controlled environment via a method known as PESR or Pressure Electro Slag Remelting. This means that the solidification of the grade is controlled to the point where the physical property difference between the centre and the surface of the ingot is practically zero.

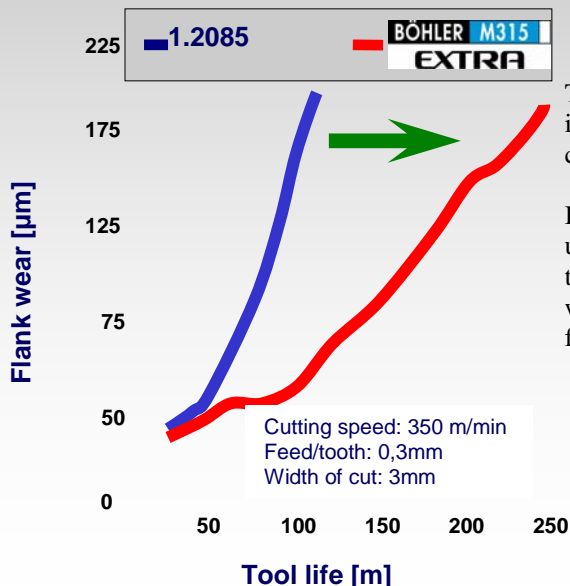
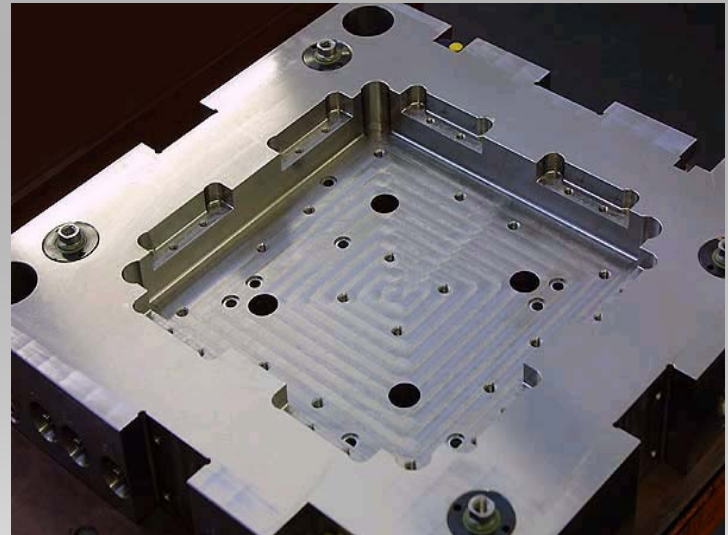
This High Performance tool steel is able to be polished up to a mirror finish in a fraction of the time in which a conventional grade (2083) is resulting in a significant cost saving with respect to labour and time.

BÖHLER M315 EXTRA

“A new grade of tool steel which has impressive machining properties.”

In the Tool & Die Industry one of the major cost contributors to a tool room is the wear that the machining components have to endure before a job is complete. In some cases, one cutter is not sufficient to carry out an entire cut which introduces difficult circumstances. The first of which being the down time incurred during the cutter change over and the second is the alignment of the tool once the second cutter is in place.

In an attempt to cater to this need, Bohler Uddeholm designed the M315 grade. The M315 is a new grade of tool steel which has impressive machining properties, properties which are far superior than anything else offered on the market to date.



The graph on the left as well as the picture on the right illustrates the cost implications of edge wear and the consumption of cutters.

If we consider the graph on the left we can see that by using the same cutters. This tool which machines/cuts the M315 is able to machine 150m more than the cutter working on the 1.2085 while still only exhibiting a fraction of the edge wear.

