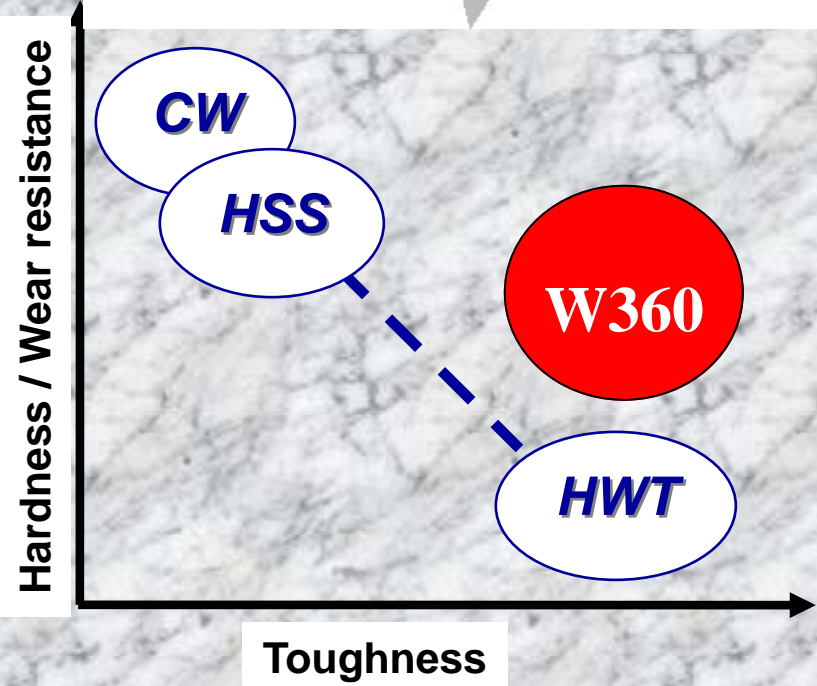


BOHLER UDDEHOLM AFRICA



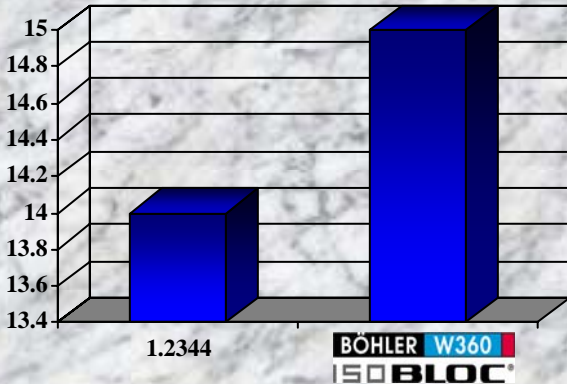
In 2006 Bohler Uddeholm Africa introduced the W360 grade into the South African market. After the initial trials were completed and the trial results tabulated, it was determined that the W360 grade would have a very bright future in South Africa.

We can see by the graph on the right that W360 is a unique grade as it has superior wear resistance properties without sacrificing the material toughness. This makes the W360 grade especially suited for applications which not only include toughness, but wear resistance as well.

Toughness

Notched

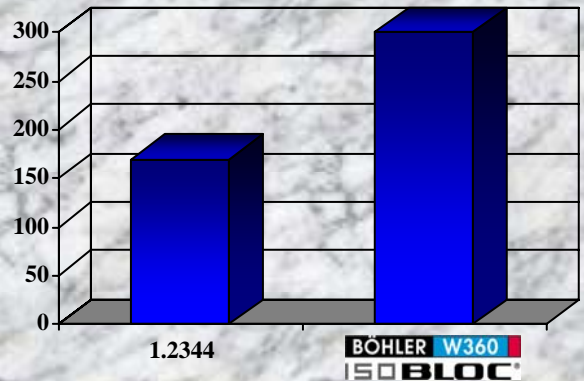
45HRc 56HRc



Independent laboratory tests have confirmed the above by carrying out Charpy impact tests on the W360 at a prescribed hardness of 56HRc and comparing them to the results of 1.2344 at 45HRc. This conclusively shows that the W360 grade is able to maintain an impressive toughness at a higher hardness.

Un-Notched

45HRc 56HRc



What does this mean for you and your business?

As the case study shown on the right illustrates, this material has the ability to significantly increase the production life of your dies, thereby substantially decreasing the price per part produced.

This means that you will have the ability of quoting at a competitive rate or maintaining your current selling price and ensuring that you increase your profitability.

For information on how you may get hold of this material or how to go about running a trial on this material, please contact Bohler Uddeholm's Metallurgical Engineer on:
 (w) 011 571 2324
 (cell) 082 779 6777
 graham.k@bohler.co.za

