

## THE NEW GENERATION HARDOX® WEAR PLATE





**LESS WEAR PACKAGES** 



EXTENDED SERVICE LIFE



TOUGH IN THE COLD



## THE BEAST HAS DONE IT AGAIN

Hardox® 500 Tuf is the latest upgrade in the Hardox® range. It delivers high strength, extreme hardness and guaranteed toughness in one and the same wear plate.

Hardox® 500 Tuf combines the best properties from the Hardox® 450 and Hardox® 500 grades. The result is a wear plate with no real competition on the market. It's perfectly suited for hard-working buckets of all sizes and shapes.

With Hardox® 500 Tuf the bucket will last longer and becomes lighter, since it needs less wear packages and wear bars. It also works in freezing conditions as the impact energy values indicate.

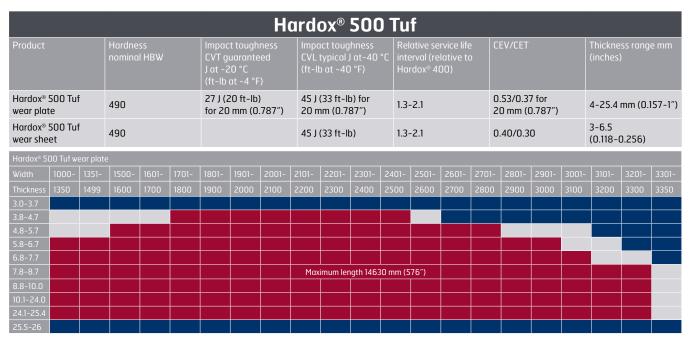
Hardox $^{\circ}$  500 Tuf has a guaranteed impact energy of 27 J at -20 $^{\circ}$ C (20 ft-lb at -4 $^{\circ}$ F), and a typical value of 45 J at -40 $^{\circ}$ C (33 ft-lb at -40 $^{\circ}$ F). It has an unusually narrow Brinell hardness window of 475-505 HBW.

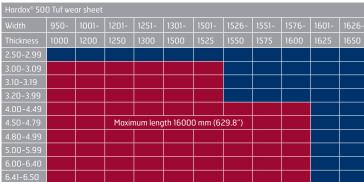
The estimated relative service life for Hardox® 500 Tuf is 85-100% longer than for Hardox® 400 according to WearCalc.\*

## **WORKSHOP-FRIENDLY**

Hardox® 500 Tuf can be processed by the same kind of machinery used for other Hardox® grades. Bendability recommendations are similar to those for Hardox® 450.

\*The calculations are based on sliding wear with granite





Some restrictions, contact your local sales representative for information

Outside the range of dimensions

The data in these tables may be subject to change without notice. Please download the latest version of the respective Hardox® wear plate product data sheet at www.ssab.com.