

SUPER PUNCHING

Registered trademark

Perforated abrasion-resistant steel plate

Super Punching technology has made it possible to punch holes in HARDOX® wear plate, an abrasion-resistant steel plate, using a press machine.

ISO certified offices



Kobe Headquarters • Akashi Plant • Sakai Plant

OKS 1895 Wire Mesh and Perforated Metal Maker

Hole Solutions Company, OKUTANI LTD.



PUNCHING-MAN™
1895

HARDOX® Wear Plate

EXTREME ABRASION RESISTANCE !!

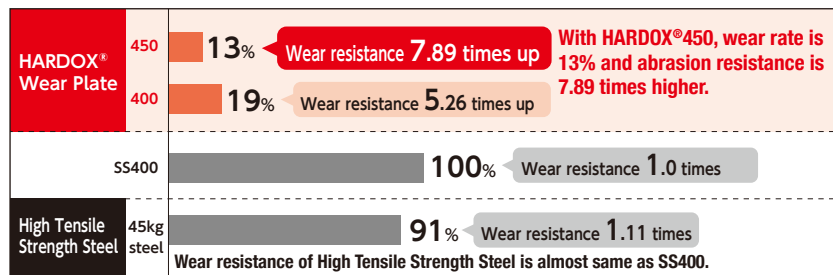
Hardox® is a product of Svenskt Stål AB, a steel manufacturer based in Scandinavia and the United States.

It can withstand long periods of use in harsh environments and extend the replacement period of parts.

Application
Screen for Crusher and Trommel.

**Bending
process
available**

Comparison of wear resistance of various steels.



Steel type		HARDOX® WEAR PLATE		Reference	
Item		400	450	SM490	SM570
Mechanical Strength Tensile (N/mm ²)		1,250	1,400	490~610	520~720
Hardness	(HB)	400	450	Approx. 145~150	Approx. 180~190
	(HRC)	43	46	0	8~9
Value of impact energy -40°C (※)		45J	40J	27J/0°	

※: A measure of tenacity, the higher the number, the more tenacious.

Standard Specifications of Perforated abrasion-resistant steel plate.

Thickness	Hole size	Pitch	Pattern	Open area	Max. sheet size
4.0t	10Ø	15	60°staggered	40.3%	914×914
4.0t	15Ø	20	60°staggered	51.0%	914×1829
6.0t	10Ø	15	60°staggered	40.3%	914×914
6.0t	15Ø	20	60°staggered	51.0%	914×1829

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OKUTANI network connects Japan with the world

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