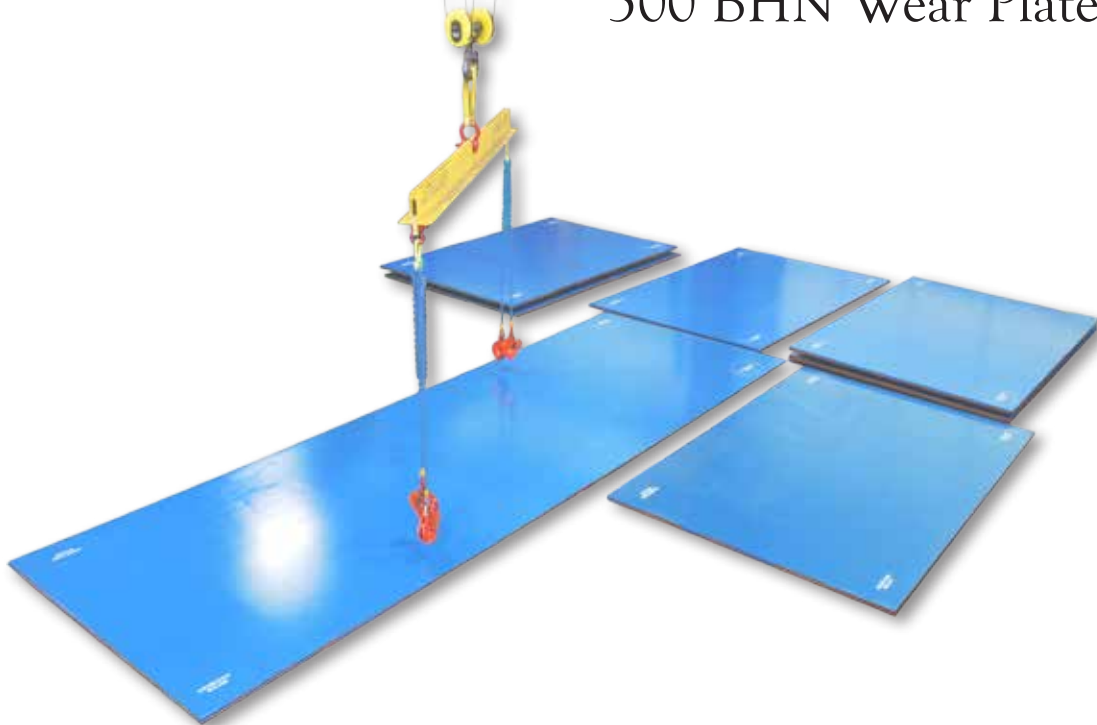


WC500™

# WC500™

500 BHN Wear Plate



## Features & Benefits

Wear-Con **WC500™** 500 BHN Wear Plate is specially designed to reach a nominal hardness of 500 BHN with its hardness increasing at the center. Built-in strength and through-hardness gives **WC500™** exceptional resistance to both moderate impact and sliding abrasion. Due to its fine-grained structure, **WC500™** works well in applications requiring forming, and will last up to 5 times as long as mild steel.

## Installation

Wear-Con **WC500™** can easily be welded with a low-hydrogen rod such as AWS spec. E-7018.

## Technical Specifications

Wear-Con **WC500™** provides premium sliding and moderate impact resistance with a hardness of 477 - 555 BHN, a yield strength of 190 ksi, a tensile strength at 250 ksi, and elongation at 12%.

Chemical Composition							
S	B	P	Cr	Mo	C	Si	Mn
0.001	0.0013	0.025	0.25	0.25	0.28	0.50	0.84

## Sizes

Wear-Con **WC500™** is available in thicknesses from 1/8" to 4".

*(See reverse for **WC500™** applications.)*

2845 E. Heartland Drive  
Liberty, MO 64068

W-PI

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888-4WEARCON (888-493-2726)  
816-587-1923 • Fax 816-587-2055  
info@wearcon.com  
www.wearcon.com

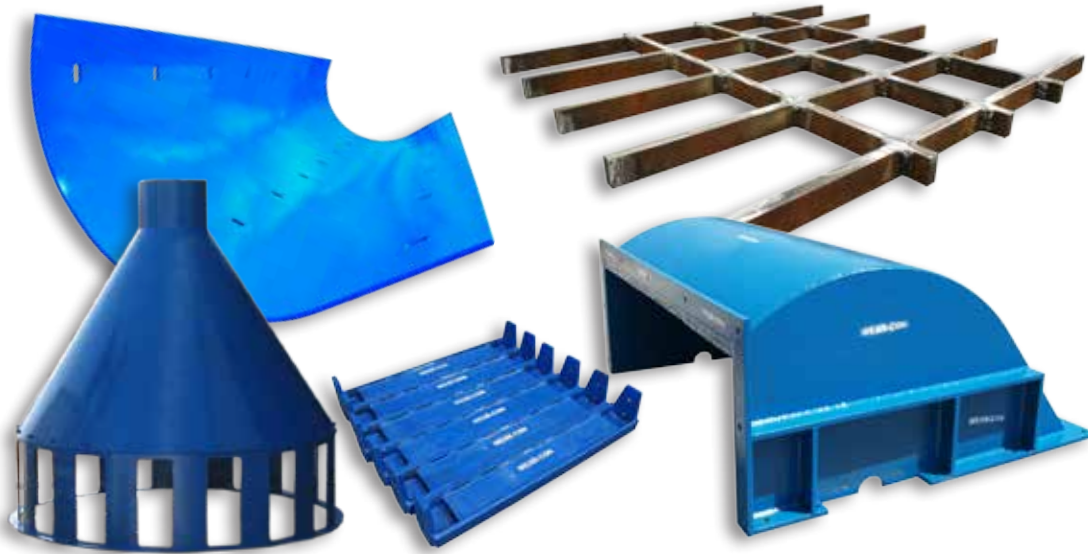


# WC500™

500 BHN Wear Plate



I.D. Fan Intake Housings made of **WC500™** Wear Plate.



Various custom fabrications made of **WC500™** Wear Plate.

(See reverse for **WC500™** information.)



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[www.wearcon.com](http://www.wearcon.com)

## Applications:

- Primary & Secondary Crushers
- Skirtboards
- Chutes & Hoppers
- Separator Components
- Clinker Chutes
- Dozers
- Fans
- Haul Truck Beds
- Downcomers
- Pulverizers
- Classifiers
- Drag Conveyors
- Dryers
- And Many More!

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