

WC900™

Tungsten Carbide Wear Plate



Features & Benefits

Wear-Con **WC900™** Tungsten Carbide Wear Plate is a unique tungsten carbide overlay on a mild steel base plate. Lasting nearly 6 times as long as mild steel, **WC900™** is designed for areas with severe impact and abrasion; and can be formed, rolled, and cut to your specific needs.

Installation

WC900™ can be welded with a low-hydrogen rod such as AWS spec 7018 on the base metal, with a cover pass at the overlay section with 60 HRc hard surface rod (i.e. Stoodite XHC, McKay Hard Alloy 58, or Rock-Mount Omega N).

Technical Specifications

WC900™ has a hardness from 73 to 75 HRc, a maximum service temperature up to 1000°F for standard options, and can be supplied with a single or double pass application.

Sizes

WC900™ is available in several thicknesses and a couple of plate sizes.

Standard Sizes					
Dimensions	Thickness				
48" x 96"	3/8"	1/2"	5/8"	3/4"	1"
60" x 120"	3/8"	1/2"	5/8"	3/4"	1"

(See reverse for **WC900™** applications)

2845 E. Heartland Drive
Liberty, MO 64068

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



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WC900™ Leading Edge In Rotary Feeder



WC900™ Painted Plate

(See reverse for **WC900™** information)



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Applications:

- Primary Crushers
- Skirtboards
- Separators
- Pulverizer Classifiers
- Ash Hoppers
- Dozers
- Cyclones
- Dryer Plates
- Chutes
- Fan Housings & Blades
- Front End Loaders
- Conveyors
- And Many More!

Chemical Composition

Element	Percent
S	0.016%
P	0.022%
Si	0.5%
Mn	2.1%
C	5.27%
Cr	26.1 - 30%
W	35%

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