

## Wear disk / plate Pro 6072

**TYPE** Black Chrome wear disk with extreme hardness

### PROPERTIES

#### The Advantages of the Plate Pro 6072 Wear system:

- 10 times faster than overlay welding by SMAW
- No delution with the basemetal and a full 60 HRC in the total thickness of the plate
- no excessive heat that effects the basemetal or cause loose in strength
- two times faster to apply compare to big overlay welded plates
- 50% weight reduction on operating system compare to overlay welded plates
- Manageable size (150x100x5mm), easy to transport and easy to apply in all positions
- More convenient for the welder and suitable for more applications
- Can be replaced individually when needed and also cut by normal flame
- pattern allows spaces between the plates and offer more wear resistance



### CLASSIFICATION

AWS no standard  
EN ISO no standard

### SUITABLE FOR

Chutes, Slides, Bulldozer track idler wheels, excavator buckets, screw conveyers, shovels, scraper blades, mixing paddles.

### APPROVALS

NA

### WELDING POSITIONS:



### WEAR PLATE COMPOSITION

Balance	Top surface
C, Cr, V and Nitrogen based with special heat treatment	Black Chrome treated (72 HRC)

### MECHANICAL PROPERTIES

Heat Treatment	R <sub>p0,2</sub> (N/mm <sup>2</sup> )	R <sub>m</sub> (N/mm <sup>2</sup> )	A <sub>5</sub> (%)	Impact Energy (J) ISO-V -20°C -40°C	Hardness troughout HRC	Hardness top surface HRC
PCHT+N					60	72

### SIZES AND WELDING DATA

suitable electrode	Welding Parameters	length (mm)	width (mm)	thickness (mm)
D (mm)	Current (A)			
Croni 29/9S 3,2 mm	70-120	150	100	5

**REDRYING TEMPERATURE** not required