

Wear Plate Pro 6072

TYPE The ultimate wear disk with extreme hardness and life span

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 high hardness 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 NATURE AND COMPOSITION

Chemical / treatment	Top surface
C, Cr, Ni, Mo, Si, alloy + micro alloying elements with multi special Quench and temper cycles.	Bright clean

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Impact Energy (J) ISO-V -20°C -40°C	Hardness average HRc	Hardness 2 mm below surface HRc
PCHT+N					>60	>60

SIZES AND WELDING DATA

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

REDRYING TEMPERATURE not required