



Abrasion



Erosion

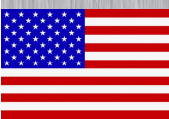


Korrosion

ALPHACHROM

8000 SNAKE

MADE IN GERMANY



ALPHACHROM 8000 SNAKE

DESCRIPTION

Wear Plate ALPHACHROM 8000 SNAKE is a steel based layer composite material with a highly wear resistant hardfacing on top.

Extreme strong carbides, uniformly distributed in a tough, austenitic steel matrix, result in a material with a service life multiple of approx. More than 20 times higher than mild steel. The carbide overlay is fused to a highstrength steel backing plate.

HARDFACEING

Thicknes 3, 4, 5, 6 = 1 Layer
8 - 30 = 2 ore more Layer

Tolerances +1 / -0 mm

Hardness 62 - 64 Hrc

High abrasion and erosion resistance
not usable for high impact.

COMPOSITION

C	5,6
Si	1,2
Mn	0,6
Ni	0
Cr	32
others	1,8
Fe	bal.

DIMENSIONS

Plate size	Hardfacing	usable m2
3000 x 2000	2900 x 1600	4,64 m2



CUTTING & WELDING

Plasma cutting is the recommended method. It is preferable to cut from the base steel side as it gives a clean edge on the backing plate.

The highstrength steel base plate can be welded with standard mild steel rods. ALPHACHROM -tubular hardfacing electrodes have to be used to overlay mild steel welds in abrasion areas.

Holes are made by plasmacutting , spark erosion and by welding of bushes. Normal drilling is not possible

Thick	3+3	5+3	6+4	8+5	10+5	12+5
Ømm	180	180	250	250	350	450



Bei der Handhabung des Materials sind die jeweils gültigen nationalen Arbeitsvorschriften zu beachten. Die technischen Informationen und Beschreibungen entsprechen unserem heutigen Wissenstand. Diese Angaben sind ohne Gewähr. Sie dürfen nicht als Bestandteil von Verkaufsverträgen angesehen werden. Es gelten unsere "Allgemeinen Liefer- und Auftragsbedingungen"