

SK A 43-OB

DIN 8555 : MF 10-GF-65-G

DESCRIPTION

1

Special Chromium-Niobium-Boron alloy designed to give extreme resistance to high stress and gouging abrasion, and achieve a very high hardness in one pass deposits. The deposits will show stress relief cracks.

SUITABLE FOR

2

Bucket teeth and lips on bucket-wheel excavators in coal and phosphate mines, brick and clay mill augers, bucket teeth and lips on shovel buckets and bulldozer blades working in sand, wear plates and screens in the coal industry.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

	C	Mn	Si	Cr	Nb	Fe	B
All Weld	5.20	0.2	1.0	20.30	6.70	Bal.	1.0

TYPICAL MECHANICAL PROPERTIES

4

Hardness as welded

65 HRC

GENERAL CHARACTERISTICS

5

- Microstructure: Complex carbides in an austenitic matrix
- Machinability: Grinding only
- Oxy-acetylene cutting: Cannot be flame cut
- Deposit thickness: 2 layers maximum
- Shielding gas: If required, Argon 98% + Oxygen 2%
- Metal cored



The information about the products contained in the data sheets are based on intensive tests and careful investigations. However we can't assume any form of liability concerning the exactness of it. The information may be changed or updated without previous notice. The user is invited to test the product with regard to his own application and responsibility.

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WELDING PARAMETERS & ECONOMICAL DATA

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Diameter [mm]	Current [A]	Voltage [V]	Stick- Out	Article code	Packaging	Availability
1,6	180-200	26-30	30-35	29398	Spool 15 Kg	Standard
1,6	180-200	26-30	30-35	52770	Autopack 250 Kg	On request
2,4	250-300	26-30	30-35	29399	Spool 15 Kg	Standard

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