

SK A 43-O

DIN 8555 : MF 10-GF-65-G

DESCRIPTION

1

Chromium-Niobium alloy designed to resist high stress grinding abrasion at service temperature not exceeding 450°C. The deposits will show stress relief cracks.

SUITABLE FOR

2

Wear plates, groundnut oil expeller screws, screen in the coal industry, bucket teeth on bucket-wheel excavators, shovel bucket teeth and lips.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

	C	Mn	Si	Cr	Nb	Fe
All Weld	5.60	0.2	1.3	20.20	6.70	Bal.

TYPICAL MECHANICAL PROPERTIES

4

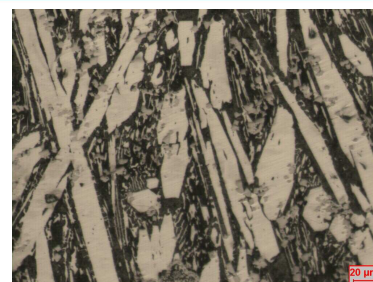
Hardness as welded

64 HRC

GENERAL CHARACTERISTICS

5

- Microstructure: Primary carbides and eutectic carbides, nodular Niobium carbides, perlite
- Machinability: Grinding only
- Oxy-acetylene cutting: Cannot be flame cut
- Deposit thickness: 10 to 12 mm in 2 to 3 layers
- 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

6

Diameter [mm]	Current [A]	Voltage [V]	Stick- Out	Article code	Packaging	Availability
1,6	180-200	26-30	35-40	29403	Spool 15 Kg	Standard
2,4	250-300	26-30	35-40	25135	Spool 15 Kg	Standard
2,4	250-300	26-30	35-40	29406	Autopack 250 Kg	On request
2,8	300-350	26-30	35-40	29407	Spool 15 Kg	Standard

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