

SK A 43-OSP

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	0.3	1.3	20.20	6.40	Bal.

TYPICAL MECHANICAL PROPERTIES

4

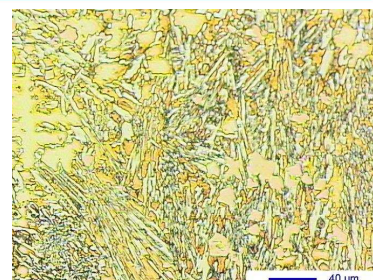
Hardness as welded

63 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

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Diameter [mm]	Current [A]	Voltage [V]	Stick- Out	Article code	Packaging	Availability
2,8	300-350	26-30	35-40	41485	Autopack 150 Kg	On request with minimal quantity
2,8	300-350	26-30	35-40	29660	Autopack 250 Kg	On request
2,8	300-350	26-30	35-40	41488	Autopack 250 Kg	On request with minimal quantity

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