

SK A 44-O

DIN 8555 : MF 10-GF-60-G

DESCRIPTION

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Chromium-Niobium alloy designed to resist high stress and gouging abrasive wear with moderate impact.

SUITABLE FOR

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Wear plates, fan blades, screens, blast furnace burden area, chutes.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

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	C	Mn	Si	Cr	Mo	Nb	W	V	Fe
All Weld	5.20	0.9	0.5	19.00	1.2	5.10	1.0	1	Bal.

TYPICAL MECHANICAL PROPERTIES

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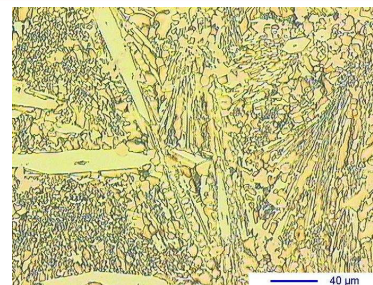
Hardness as welded

62 HRC

GENERAL CHARACTERISTICS

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- Microstructure: Primary carbides and eutectic carbides, nodular Niobium carbides in an austenitic matrix.
- Machinability: Grinding only
- Oxy-acetylene cutting: Cannot be flame cut
- Deposit thickness: 2 to 3 layers maximum
- Metal cored



WELDING PARAMETERS & ECONOMICAL DATA

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Diameter [mm]	Current [A]	Voltage [V]	Stick-Out	Article code	Packaging	Availability
1,6	180-200	27-30	35-40	46392	Spool 15 Kg	On request with minimal quantity

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.