

SK A 67-O

DIN 8555 : MF 10-GF-60-GZ

DESCRIPTION

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Special Chromium – Cobalt – Niobium – Vanadium alloy specially developed to resist high stress grinding abrasion and solid erosion at service temperatures up to 800° C. Welding strains may induce relief cracks.

SUITABLE FOR

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Blast furnace feeding systems.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

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	C	Mn	Si	Cr	Nb	V	Fe	Co	Al
All Weld	5.00	0.2	3.9	12.70	6.90	6	Bal.	3.8	1.6

TYPICAL MECHANICAL PROPERTIES

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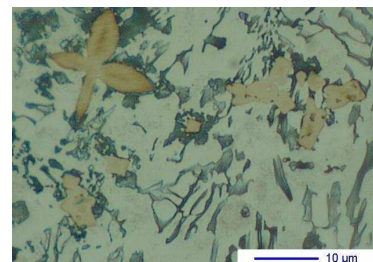
Hardness as welded

60 HRC

GENERAL CHARACTERISTICS

5

- Microstructure: Austenitic matrix hardened by Cobalt with primary Chromium carbides, fine needle shaped eutectic carbides, homogeneous distributed nodular Niobium carbides and very fine MC/M₂C carbides
- Machinability: Grinding only
- Deposit thickness: Maximum 2 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
1,6	180-200	26-30	35-40	47747	Spool 15 Kg	On request with minimal quantity
2,4	250-300	26-30	35-40	41665	Spool 15 Kg	On request with minimal quantity
2,8	250-350	26-30	35-40	47600	Coil 25 Kg	On request
2,8	250-350	26-30	35-40	47536	Autopack 250 Kg	On request with minimal quantity

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