

SK A 83-O

DIN 8555 : MF 20-GF-55-GZ

DESCRIPTION

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Special Cobalt base alloy designed to resist abrasion and oxidation wear at service temperature from 600° to 1.000°C.

SUITABLE FOR

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Sinter plant breaker bars, screen plates.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

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	C	Mn	Si	Cr	Nb	Fe	Co	Ti
All Weld	5.50	1.4	1.4	24.00	6.00	10.0	Bal.	1.5

TYPICAL MECHANICAL PROPERTIES

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Hardness as welded

63 HRC

GENERAL CHARACTERISTICS

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- Microstructure: Complex carbides (65%) in an austenitic matrix
- Machinability: Grinding only
- Oxy-acetylene cutting: Cannot be flame cut
- Deposit thickness: 2 to 3 layers



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	41235	Spool 15 Kg	On request with minimal quantity
2,4	250-300	26-30	35-40	41239	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.