

## SK 833-O

DIN 8555 : MF 10-GF-60-GZ

### DESCRIPTION

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Chromium-Molybdenum-Cobalt alloy designed to resist high stress grinding abrasive wear at service temperature up to 650°C. The deposits will readily show stress relief cracks.

### SUITABLE FOR

2

Ore crushers, fan blades, pump casing, Sinter plant parts, back-up plates in steel grit blasting equipment.

### TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

	C	Cr	Mo	Fe	Co
All Weld	4.00	19.50	5.2	Bal.	9.4

### TYPICAL MECHANICAL PROPERTIES

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Hardness as welded

54 HRC

### GENERAL CHARACTERISTICS

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- |                         |  |
|-------------------------|--|
| ▪ Microstructure        | Complex carbides in an austenitic matrix |
| ▪ Machinability         | Grinding only                            |
| ▪ Oxy-acetylene cutting | Cannot be flame cut.                     |
| ▪ Deposit thickness     | 10 to 12 mm in 2 to 3 layers             |
| ▪ Metal cored           |  |

### WELDING PARAMETERS & ECONOMICAL DATA

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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.