

SK A 12-O

DIN 8555 : MF 6-GF-55-G

DESCRIPTION

1

Alloy designed to resist low stress abrasion combined with heavy impact.

SUITABLE FOR

2

Bucket teeth and lips, screw conveyor, impact rock drill.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

| | C | Mn | Si | Cr | Fe | Ti |
|----------|------|-----|-----|------|------|-----|
| All Weld | 0.33 | 0.8 | 3.0 | 9.60 | Bal. | 0.5 |

TYPICAL MECHANICAL PROPERTIES

4

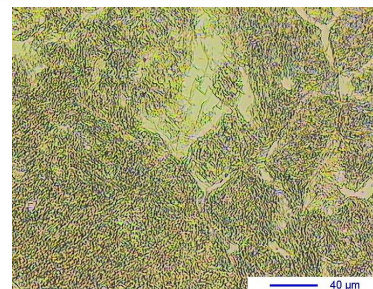
Hardness as welded

55 HRC

GENERAL CHARACTERISTICS

5

- Microstructure Martensite
- Machinability Grinding only
- Efficiency 90%
- Flux 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

6

| Diameter [mm] | Current [A] | Voltage [V] | Stick- Out | Article code | Packaging | Availability |
|------------------|----------------|----------------|---------------|-----------------|-------------|----------------------------------|
| 1,2 | 150-200 | 26-30 | 35-40 | 29318 | Spool 15 Kg | On request |
| 1,6 | 180-200 | 26-30 | 35-40 | 29319 | Spool 15 Kg | On request |
| 1,6 | 180-200 | 26-30 | 35-40 | 41684 | Coil 23 Kg | On request with minimal quantity |
| 2,4 | 250-300 | 26-30 | 35-40 | 29320 | Spool 15 Kg | On request with minimal quantity |
| 2,8 | 300-350 | 26-30 | 35-40 | 29321 | Spool 15 Kg | On request with minimal quantity |
| 2,8 | 300-350 | 26-30 | 35-40 | 41686 | Coil 25 Kg | On request with minimal quantity |

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