

SK 258-O

DIN 8555 : MF 6-GF-55-GT

DESCRIPTION

1

Martensitic alloy designed to give an outstanding resistance to low stress abrasion with heavy impact and high compressive stresses. The deposit is heat treatable and forgeable.

SUITABLE FOR

2

Cable sheaves, bed knives, steel mill rollers, crane wheels, forging dies.

TYPICAL CHEMICAL ANALYSIS (WEIGHT %)

3

	C	Mn	Si	Cr	Mo	W	Fe	Ti
All Weld	0.47	1.5	0.8	5.70	1.5	1.5	Bal.	0.9

TYPICAL MECHANICAL PROPERTIES

4

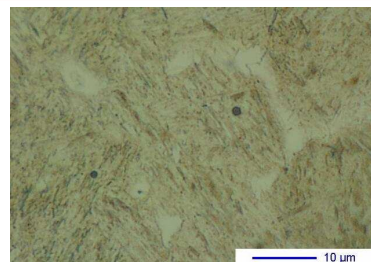
Hardness as welded

55 HRC

GENERAL CHARACTERISTICS

5

- | | |
|-------------------------|---|
| ▪ Microstructure | Martensite |
| ▪ Machinability | Grinding only |
| ▪ Oxy-acetylene cutting | Flame cut is difficult |
| ▪ Deposit thickness | Depends upon application and procedure used |
| ▪ 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.

WELDING PARAMETERS & ECONOMICAL DATA

6

Diameter [mm]	Current [A]	Voltage [V]	Stick- Out	Article code	Packaging	Availability
1,6	180-200	26-30	35-40	29292	Spool 15 Kg	Standard
2,4	250-300	26-30	35-40	29293	Spool 15 Kg	Standard
2,8	300-350	26-30	35-40	29294	Spool 15 Kg	Standard
2,8	300-350	26-30	35-40	38169	Coil 25 Kg	Standard

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