

## Classifications

DIN 8555

MF 6-GF-55-G

## Characteristics

Martensitic steel alloy designed to resist low stress abrasive wear combined with heavy impact.

Microstructure: Martensite

Machinability: Grinding only

Oxy-acetylene cutting: Cannot be flame cut

Deposit thickness: Up to 4 layers

## Field of use

Bucket teeth and lips, gravel pumps, screw conveyors, sliding metal parts, gear teeth, crusher hammers, rock drills, etc.

## Typical analysis in %

C	Mn	Si	Cr	Ti	Fe
0.35	0.8	3.0	9.6	0.5	balance

## Typical mechanical properties

Hardness as welded: 55 HRC

## Recommended welding parameters

Wire diameter [mm]	Amperage [A]	Voltage [V]	Stick-Out [mm]
1.2	150 – 200	26 – 30	35 – 40
1.6	180 – 200	26 – 30	35 – 40
2.8	300 – 350	26 – 30	35 – 40