

Hardfacing solid wire

Classification

DIN 8555 : MSG 6-GZ-60-PS

General description

Solid wire for wear resistant overlays

High resistance against corrosion, abrasion and impact deformation

Hardness approximately 55-60HRc

Optimal weldability

Shielding gases (acc. EN 439)

GMAW M21 Mixed gas Ar+ >5-25% CO₂

Application

Dies

Matrix

Parts for agricultural machinery

Transport rolls

Sand pumps

Structure

Ferritic and martensitic

Chemical composition (w%). typical. wire

C	Mn	Si	Cr
0.5	0.4	3	9

Mechanical properties, all weld metal

Typical hardness values

2 Layers, AW approx. 60 HRc

Heat resistant to 450°C

Packaging and available sizes

Process	Unit	Diameter (mm)	1.2
GMAW	15 kg spool B300		X

LNM 420FM: rev. EN 20