

Low alloyed steel solid wire for hardfacing

Classification

DIN 8555 :MSG 2-GZ-50
EN 14700 :S Fe2

General description

Resistance of weld surface to mild abrasion.
High resistance against impact deformation.
High resistance to metal to metal wear.

Shielding gases

GMAW M21 Mixed (Ar/CO₂)

Application

Wire is used for hardfacing highly wear-resistant layers on wheels, driving rollers, shafts, bucket teeth, and other parts subjected to heavy wear; for welding of low alloyed high resistant steel with mixed Ar/20 CO₂ or with CO₂

Structure

Martensitic

Typical chemical composition of all weld metal, (w%)

C	Si	Mn	Cr	Al	Ti	P	S	Fe
1.1	0.5	1.9	1.8	0.1	0.2	<0.02	<0,01	rest

Mechanical properties of all weld metal

Typical hardness values	
2 Layers, AW	approx. 50 HRc

Packaging and available sizes

Process	Unit	Sizes (mm)	1.2
GMAW	15 kg spool B300		X
GMAW	15 kg spool BS300		X

Other sizes and packing available upon request

Identification Imprint: Revihard® 50G

Revihard® 50G : rev. EN 20