

LNМ 420FM

CLASSIFICATION

EN 14700 - S Fe8

GENERAL DESCRIPTION

Solid wire for wear resistant overlays
 High resistance against corrosion, abrasion and impact deformation
 Hardness approximately 55-60HRC
 Optimal weldability
 Ferritic and martensitic structure

WELDING POSITIONS

ISO/ASME



PA/1G



PB/2F



PC/2G



PD/4F



PE/4G



PF/3G up

SHIELDING GASES (ACC. ISO 14175)

M21 : Mixed gas Ar+ >15-25% CO₂

CHEMICAL COMPOSITION (W%) TYPICAL WIRES

C	Mn	Cr	Si
0.5	0.4	9.0	3.0

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

2 Layers, AW
 heat resistant to 450°C

Typical hardness values
 : approx. 60 HRC

APPLICATION

Dies
 Matrix
 Parts for agricultural machinery
 Transport rolls
 Sand pumps

PACKAGING AND AVAILABLE SIZES

Diameter (mm)	1.0	1.2	1.6
Unit : 15 kg spool B300	X	X	X

Other sizes and packaging on request

LNМ 420FM: rev. EN 23