FILO PER RIPORTI MIG WIRE
Hardfacing wires

Denominazione Product name	**ELB-DUR 600**
Classificazioni Classification	DIN 8555 - MSG-6 -GZ-60-GP EN1090- X45CrSi8 (EVM11) EN 14700 - S Fe 8 WK- Nr. 1.4718

Hardness: > 54 HRC

weldable base material: Carbon-Manganese steel, Cast Iron etc etc

Caratteristiche principali - Main characteristics

High alloy solid wire (typically bronze- or copper-coated) for hard-facing, overlay of all C-Mn steels and even suited for the overlay of cast iron (over buffer layer). This alloy deposits a martensitic structured weld-metal with a hardness of about 54-58 HRC (indicative, as hardness is dictated by many factors, including dilution, hardness of base metal, etc.), characterized by excellent abrasion resistance to moderate impact and high toughness. Weld metal has a Cr-Si structure and, if not tempered, it can only be machined by grinding. Its usage allows to extend the operating life of many wearing parts.

Mostly used with semiautomatic and automatic procedures. A cushion layer deposited with basic-coated electrode or basic flux cored wire is essential only with hard-to-weld steels. components that are subject to high abrasion, like bucket lips, screws, conveyors, drilling tools, shear blades, sand dredgers; hard-facing wheels, rolling mill rollers tracks, sliding rollers; hammers of cylindrical crushers and pneumatic hammers; cold cutting, drilling and forming tools....

Typical weld chemical composition % - *indicative values only*

C	Mn	Si	Ni	Cr	S	P					
0,40	max	2.70	max	8.00	max	max					
0.50	0.60	3.00	0.50	10.0	0,02	0.03					

Our wires are in compliance to the **Class S3** requirements as per EN ISO 14344

FILI PIENI PER LA SALDATURA MIG-MAG SOLID WIRES FOR GMAW

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