TIG HB60

Old reference: TIG R600B

Classification

DIN 8555 : WSG 6 GZ-60-S
EN 14700 : S Fe6

Material N° : 1.4718

Description & Applications

Copper coated solid rod for TIG welding to sirfacing. Used for hardfacing parts subject to high impact and medium abrasion. A kind of a universal hardfacing wire used in quarries, mines, steel works, cement works, crushing plants, the wood industry, in the car industry and others.

Main applications: Hardfacing of block presses, crusher jaws, wheel rims, rollers, caterpillar tracks, ploughshares, running surfaces, cutting edges etc

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	P	S	Fe
0.45	3.0	0.4	9.2	0.17	<0.02	<0.01	Rem.

All Weld Metal Mechanical Properties

Hardness
~60 HRC

Welding Current & Instructions

Welding mode	Shielding Gas
TIG = -	Ar : 6-12 l/min

Tool steels have to be preheated to 300-400°C, depending on the thickness and composition.

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