



TIG CO25

Classification

DIN 8555 : WSG 20-GZ-250-CKTZ EN 14700 : S Co1

Description & Applications

Cobalt Base continues cast hardfacing rod for TIG welding. Very good resistance to metal-metal wear, thermal shock and corrosion up to 1000°C even in sulphuric gases. Non magnetic deposit.

Main applications: Surfacing of engine valves, forging dies, gas turbines, mixers.

Typical Chemical Composition (%)

C	Si	Mn	Cr	Ni	Mo	W	Fe	Co
0.15	0.9	0.7	21.0	9.8	0.03	15.0	3.0	Rem.

All Weld Metal Mechanical Properties

Hardness
~230 HB

Welding Current & Instructions

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

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