



# TIG MV5S

## Classification

DIN 8555 : MSG-3-GZ-60-P

EN 14700 : S Fe4

## Description & Applications

Solid rod for TIG welding and hardfacing. Resistant to temperatures up to 550°C. Product of high purity for welding without microporosity. Mainly used for build up on equipments stressed by high impact and abrasion.

**Main applications:** Moulds for plastic injections, cold working stools, shredder hammers

## Typical Chemical Composition ( % )

C	Cr	Mo	V	W	Fe
0.5	5.0	1.3	0.4	1.3	Rem.

## All Weld Metal Mechanical Properties

Hardness  
60 HRC

## Welding Current & Instructions

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

Pre-heating at 300-400°C of massive parts. Maintain temperature during welding and cold slowly.

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