

## PRODUCT INFORMATION

### SIFMIG HF600

Din 8555: MSG6-GZ-60

## DESCRIPTION

A gas-shielded, solid hard facing MIG wire, for high wear resistance, used in the MIG welding process for applications requiring a combination of impact and abrasion-resistance.

## WELDING POSITIONS



Typically used in hardfacing applications in the earthmoving and quarry industries, such as digger buckets, crusher hammers and blades, and in the agricultural sector on ploughshares etc.

## TYPICAL WELD METAL COMPOSITION

C	0.45 %
Si	3 %
Mn	0.4 %
Cr	9 %

## TYPICAL MECHANICAL PROPERTIES

Melting Point	1450 °C
Ult Tensile Strength	n/a N/mm <sup>2</sup>
Hardness	570-650

## MATERIAL TO BE USED

Most frequently used on mild and medium tensile steels. Areas to be hardfaced should be clean and free from oil, grease and dirt prior to application. Any base metal showing signs of cracking or previous hardfacing should be removed.

## AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia		5kg	15kg
1.0mm		WF601050	WF601015
1.2mm		WF601250	WF601215

Shielding Gas :	95/5 ArCo <sub>2</sub> or Pure Argon
Direction of Travel :	Push ( R-L [RH] )

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)

Doc Ref : WF601050



Registered in England No. 1684362  
Registered Office: as above