



# TIG/MIG Filler Wire

C/Mo Steels

AWS A5.28: ER70S-A1  
DIN 8575 W/MSG Mo  
BS EN ISO-14341 2008 G2Mo

## CMW-1940

### DESCRIPTION & APPLICATION

TIG/MIG Filler Wire for the joining or overlay of Carbon/Moly steels such as 0.5% Molybdenum Steel used for creep resistant service up to 500°C.

### BASE MATERIALS

BS 1504 Gr 245 BS 3059 Gr B1,Gr 243 BS 3606 Gr 243, 245, 261  
ASTM A336, A335, A185  
Din 17Mn4, 19Mn6, 15Mo3, GS-22Mo4

### MECHANICAL PROPERTIES

550	460	25	100
UTS n/mm	YIELD 0.2%	ELONG A5%	IMPACT (J)-20°C

### METAL WELD COMPOSITION %

<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>S</b>	<b>P</b>	<b>Mo</b>	<b>Cu</b>	<b>Fe</b>
0.1	0.5	1.2	0.01	0.015	0.5	0.05	BAL

### PACKAGING

15kg Spools (MIG)  
5kg Tubes (TIG)

### DIAMETERS

1.6, 2.4, 3.2mm (TIG)  
0.8, 1.0, 1.2mm (MIG)

### WELDING INSTRUCTIONS

Preheat as per the requirements of the base material.

Need Help?

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