



## MAC FINE STEEL

---

■ **Description & Applications:**

High quality all-positional mild steel electrode. Easy to use employing touch or conventional welding techniques. Designed for joining light or heavy mild steel sections, highly suitable for use in confined spaces.

■ **Related Specification:**

AWS E6013

■ **Typical All Weld Metal Chemical Analysis %:**

C	Mn	Si	S	P
0.07	0.47	0.4	0.020	0.021

■ **Typical All Weld Metal Mechanical Properties:**

**As Welded**

Ultimate Tensile Strength	540 N/mm <sup>2</sup>
0.2% Proof Stress	530 N/mm <sup>2</sup>
Elongation	28 %
Hardness	190 Brinell
Alloy Basis	Mild Steel

■ **Current:**

AC/DC (+). (AC min 50 volts open circuit).

■ **Sizes Available and Recommended Amperages:**

1.50mm	2.00mm	2.50mm	3.25mm	4.00mm	5.00mm	6.00mm
25-50	40-60	55-90	70-120	110-160	140-200	200-290

■ **Storage:**

If allowed to become damp the electrodes should be re-dried for one hour at 110°C before use.