



MAC TOOL E3043

■ **Description & Applications:**

A low hydrogen manual metal arc electrode manufactured on a high purity ferritic core wire with an alloy bearing basic flux. Excellent all positional characteristics gives good control of the molten weld pool.

Used for hot working tool steels subject to elevated temperature, impact and abrasion such as forging dies, shear blades etc. Retains these properties at temperatures up to 550°C.

Readily machinable with good quality carbide tools.

■ **Related Specification:**

No national specification applies.

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

C	Mn	Si	Mo	Cr	Fe
0.3	0.6	0.5	4.4	4.8	BAL

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

As Welded

Hardness 48HRC

■ **Current:**

AC/DC (+). 80 Amps OCV

■ **Sizes Available and Recommended Amperages:**

2.50mm	3.25mm	4.00mm	5.00mm
50-70	80-110	140-170	170-210

■ **Storage:**

If allowed to become damp the electrodes should be re-dried for one hour at 150° C before use.