

**Subject:** PT80 & PT81 Plasma Torch Electrode - Design Change

**Number:** 167

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**From:** Group Service Manager

## **Pt. No. 1415214 Electrode for the PT80 & PT81 Plasma Torch**

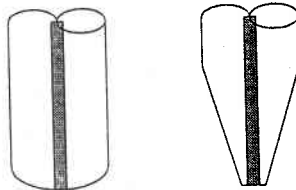
A design change has been made to this item. The front of the electrode is now conical in shape, see below. This gives longer working life as the Hafnium insert is better cooled and runs at lower temperature.

As the electrode is "consumed" during the plasma cutting process the length of the Hafnium insert (and to some extent the surrounding copper) reduces. With the old style electrode once the length of the insert has reduced by more than 2.5mm the electrode should be replaced. With the new type the length can be allowed to reduce by 5mm before the electrode should be changed.

### **PT81/81 Plasma Electrode**

Old

New



Should anybody still insist on using the old type electrode it can still be made available, please contact the Group Technical Dept. at Waltham Cross.

The old and new types are fully interchangeable and pricing is the same.

**R.G. Hayward**

# **SERVICE BULLETIN**