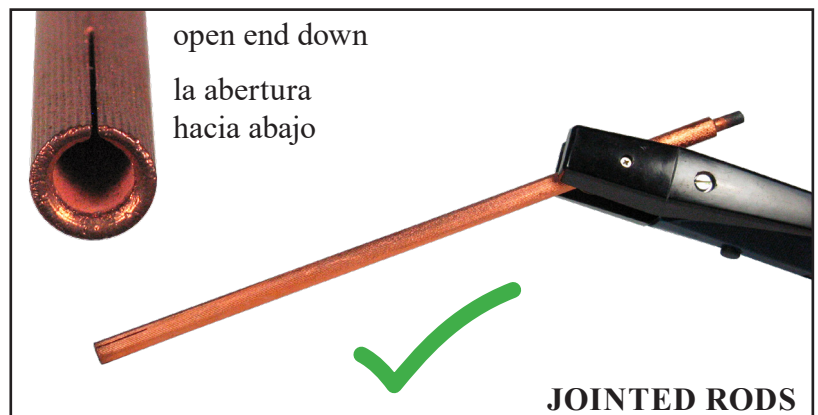
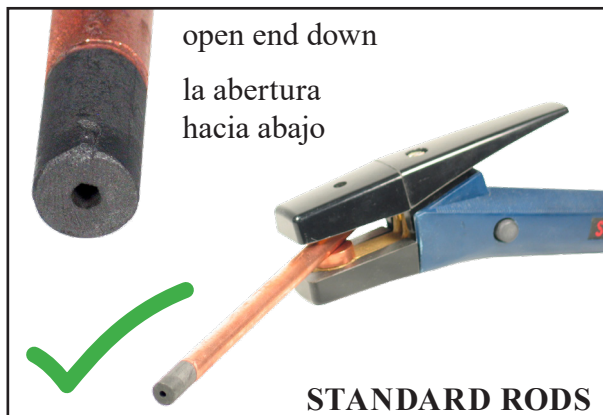


# FLAME TECH<sup>®</sup>

## Lightning Rod Orientation When Gouging

The "Lightening Rod" is a highly productive product designed to enhance carbon arc gouging applications. The revolutionary hollow core design concentrates the electrical current on the outer diameter of the rod making for an aggressive reaction with the base metal being gouged. When used properly, the operator will gouge 50% faster than solid DC copper coated rods. The user will enjoy gouging more inches per minute in a safer environment of reduced smoke.

To achieve the benefits of this rod, it is very important that the product is used properly and in the correct orientation during the gouging process. Since the rods are hollow, smoke and sparks can travel up through the rod from the chimney affect of gouging. To eliminate this, the rods are plugged at one end so no smoke or sparks can exit the back end of the rod. Therefore it is necessary to use the rod with the "plugged end" up as shown in the below picture:



If the plugged end is orientated down, then the gouging action will burn away the plug and cause a spitting of sparks and smoke from the back end of the rod. The below picture shows the INCORRECT position of the rod at the start of gouging.

