



Extended Life Homing Solution

A CSI Designed Innovation for Improved Reliability, Decreased COI, and Increased Productivity in Orbital Welding.

Up to 10X or more additional cycles from the home pin on your AMI weld head

Home Pin: Manufactured with a temperature stable, low frictional coefficient, and non-conductive material. Results in a highly durable solution in this demanding application.

Home Pin Bushing: Precision machined bronze with hex head design to maximize protection for the home pin.

Home Pin Cam Button: Axial engagement point is narrower, providing a more precise home position; improves weld-to-weld repeatability.



The flat-blade slot in standard home pin bushings provide less support for the home pin. This allows the home pin to flex and wear unevenly. Hex head design gives consistent home pin support, minimizing pin damage.



In addition to wear of the home pin causing frequent adjustments/replacement, standard home pins are prone to damage. A damaged pin (burrs, wire-edge, etc.) can 'stick' in the bushing, causing homing failures. The CSI home pin is more durable and forgiving, even after 10,000+ cycles.



Home Switch Cam Button with smaller axial engagement point means a more consistent home position.

Available for AMI 9-750 weld head, with additional sizes coming throughout 2013.

Since 2000, Critical Systems, Inc. (CSI) has been supporting the breakthrough technologies of our customers with practical, cost effective solutions that "surround the process tool".