



## TL-80B, TL-180B Series Thinline Weld Heads (formerly known as 80, 180 series)

AMADA WELD TECH's TL-80B and TL-180B Series Thin-Line weld heads for spot welding applications are precision, low inertia, force-fired heads with narrow vertical profiles which exert 1.1 N – 178 N of force (80 Series) or 22 N – 445 N of force (180 Series).

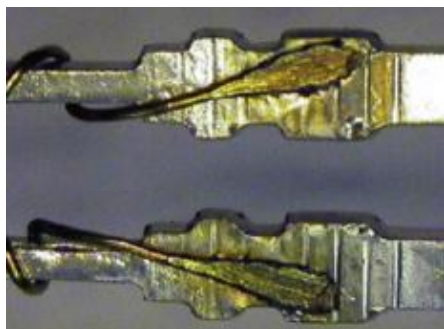
The TL-80B and TL-180B Series weld heads are suited to a wide range of applications including the spot welding of batteries and the welding of battery tabs as well as medical device manufacturing and electronic component welding.

The Thinline Series weld heads are compatible with most of AMADA WELD TECH's resistance spot welders.

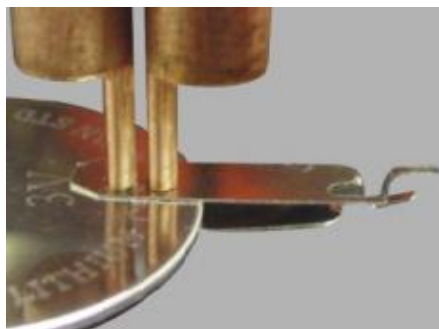
### Key features Thinline Series Weld Heads - TL-80B, TL-180B Series

- Low inertia, fast follow-up designs improve weld consistency, reduce metal expulsion, and improve weld appearance
- Adjustable force firing ensures weld force is independent of electrode stroke length resulting in higher quality welds
- Patented EZ-AIR technology ensures force consistency and simplifies set-up
- Rugged industrial design improves productivity, minimizes repair costs and ensures long life
- Pneumatic or manual actuation

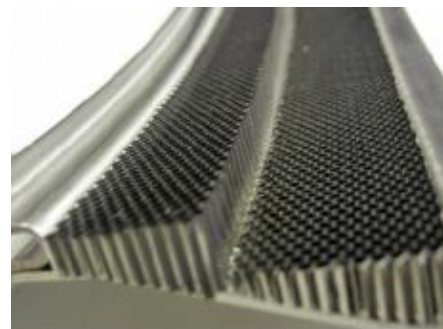
Product applications TL-80B, TL-180B Series Thinline Weld Heads (formerly known as 80, 180 series)



Magnet wire to terminal



Coin cell battery tab



Honeycomb tacking

# AMADA®

## AMADA WELD TECH

### OUR TECHNOLOGIES



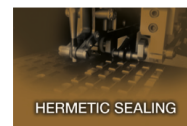
RESISTANCE WELDING



LASER WELDING



LASER MARKING



HERMETIC SEALING



HOT BAR REFLOW  
SOLDERING & BONDING



SYSTEMS SOLUTIONS

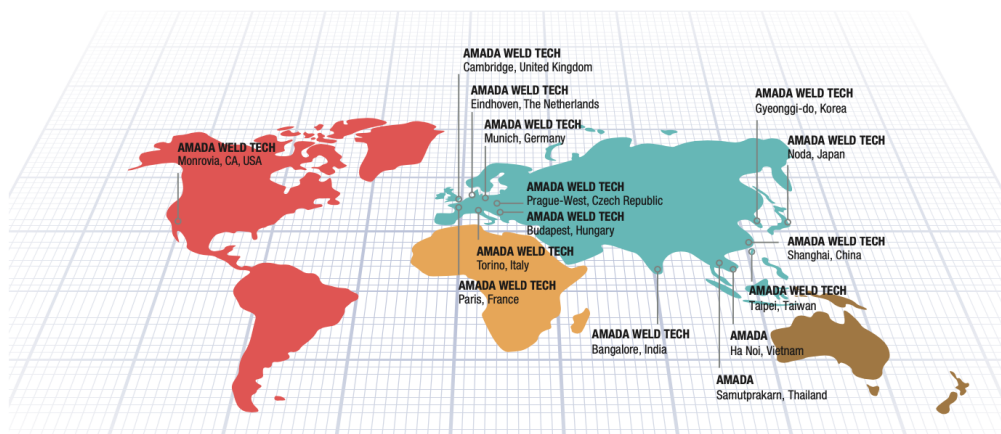


LASER CUTTING



MICRO TIG WELDING

### OUR SALES OFFICES



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