

# PlasmaBolt Fasteners

*Bolting Solutions*

**CURTISS -  
WRIGHT**

Since 1984, Curtiss-Wright's Nova business unit has manufactured fasteners for the nuclear, government, and industrial markets meeting the high demands for quality and delivery. Today, we deliver a solution that enhances our fasteners to ease installation and removal.

PlasmaBolts are threaded fasteners that utilize our proprietary PlasmaBond engineered surface application process for superior anti-galling performance.

## PlasmaBond Application

PlasmaBond is an engineered surface consisting of high purity metals – nickel, palladium, silver – that are applied to the substrate by an electrical charge in a clean vacuum which ensures superior bonding strength. The process applies a thin metallic layer without affecting the mechanical, dimensional, and metallurgical properties. PlasmaBond is superior to conventional lubricants in that it does not migrate away from the working surface of the substrate, and PlasmaBond is not affected by heat, load, or longevity during the interval between maintenance service periods.

### Key Benefits

- Reduces the risk of galled threads or stuck studs
- Eases maintenance by reducing disassembly/assembly times
- Increases equipment reliability
- Reduces hardware replacement costs

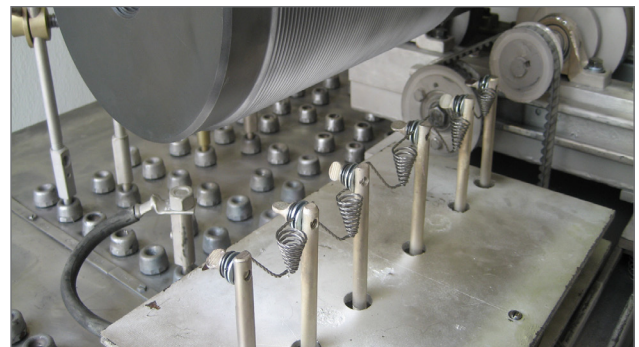
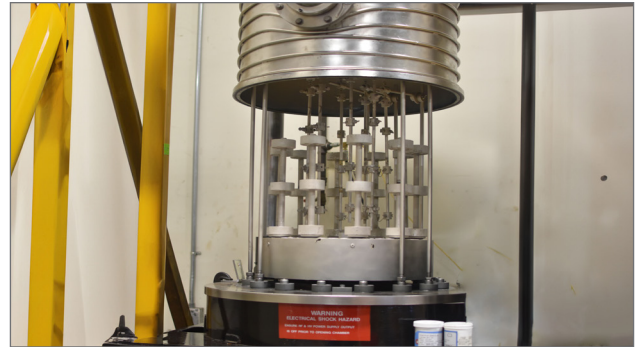
### Protect Your Plant's Critical Assets

- Do you have stuck studs?
- Have you previously destructively removed a fastener?
- Are you experiencing excessive downtime due to damage or galling?

***PlasmaBolt is your solution for reduced down time, easier maintenance, and safer operations.***

## PlasmaBond Services

An alternative to PlasmaBolt is our application service for existing hardware. We offer this service in-house or on-site at your facility, using our 52' tractor trailer outfitted with the PlasmaBond application equipment. Having our trailer on site drastically reduces turn-around time for critical and time-sensitive projects.



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LC - 1419 - 01.2024 - NV