

DuraPin™

Extended Life Fastener

Welding Pins



What is the DuraPin?

The DuraPin is a proprietary coated steel welding pin capable of withstanding the challenging welding and stamping environments of today's Hot Stamping process. It is available as a **nut welding pin** or a variety of **tooling locating pins**.

Features

- Superior abrasive wear resistance - less susceptible to sharp edges and dross residue found with laser cut holes common on hot stamped parts.
- High core hardness and outer hardness
- High corrosion resistance
- Smooth, low friction surface provides superior resistance to weld spatter
- High electrical resistance
- Able to be applied at a high thickness to extend operating life for heavily abrasive and corrosion prone applications.

Integration and Set-Up

The DuraPin can be integrated into most existing nut welding unit assemblies.

Nut Welding Pins



The DuraPin offers:

Better Value – The long-lasting DuraPin increases equipment uptime for high production fastener welding applications.

Reduced inventory – With less pin replacement frequency, in-house inventory requirements will be reduced.

Ideal for Hot Stamped parts welding – The highly abrasive nature of hot stamped material and laser cut holes demands the use of a robust and abrasion resistant solution. The DuraPin has the hardness and wear resistance to effectively weld hot stamped parts.

- ➔ Longest life expectancy
- ➔ Low friction
- ➔ Resist weld spatter
- ➔ Easy to integrate
- ➔ Reduced maintenance needs

Tooling Components

CenterLine's extended life tooling components are also available with the DuraPin coating.



Contact CenterLine to discuss how the DuraPin can improve your manufacturing throughput and quality.

