

## Applying the VeriFast™ LVDT SXZR Weld Body



When applying the LVDT SXZR weld body, consider the following:

- The SXZR weld body is offered with **50 mm weld pin stroke** only (no 22 mm weld pin stroke).

- The SXZR weld body is recommended only for **stud weld** applications.

Note: The SXZR weld body is **not** recommended for **nut weld** applications, due to:

- Reduced resolution.
- Frequent replacement of the weld pin that would be required by nut weld applications.

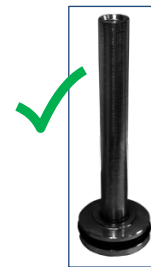


Stud and Stud Weld Pin

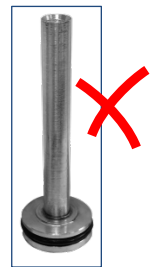


Nut and Nut Weld Pin

- DuraPin™** coating is required on all stud weld pins used with the SXZR weld body.



DuraPin™



Stainless or Coated Weld Pin

- The SXZR weld body is recommended for **automatically fed** studs. The stud weld pin initially extends through the stamping, so the stud will be seated directly onto it. Then, the pin guides the stud through the hole in stamping and into the weld body.

Note: The SXZR weld body is **not** recommended for **manually fed** weld studs.



Automatically Fed Stud



Manually Fed Stud