

# Weld Fastener Application with VeriFast™ IA

Please email completed form to: [customerservice@cntrline.com](mailto:customerservice@cntrline.com)

**Contact name:**   
**Company:**   
**End User:**   
**Work Station:**   
**Quantity Desired:**

**Date:**   
**Tel:**   
**Email:**

**Disclaimer:** It is the sole responsibility of the customer to provide accurate stamping information, including tolerances.

## 1. Application, Part, and Weld Fastener Information

### 1.1. Is this an existing application?

☐ Yes

☐ No

If 'Yes', for the existing equipment please specify the following:

**Weld Body Part Number:**

**Weld Pin Part Number:**

**Weld Head Part Number:**

**Upper Electrode Part Number:**

### 1.2. Is this a Nut or Stud application?

☐ Nut

☐ Stud

### 1.3. Fastener drawings must be provided with this application, as well as:

**Fastener Part Number:**

**Manufacturer:**

### 1.4. General Details:

Units of Measurement

Metric (2 dec.)

Imperial (3 dec.)

Part Loading

Robot

Manual

Fastener Loading

Auto

Manual (Restrictions exist for Stud applications. See Step 4.)

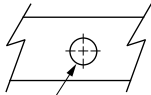
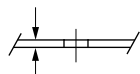
Orientation of projections

Down

Up

### 1.5. Stamping Details:

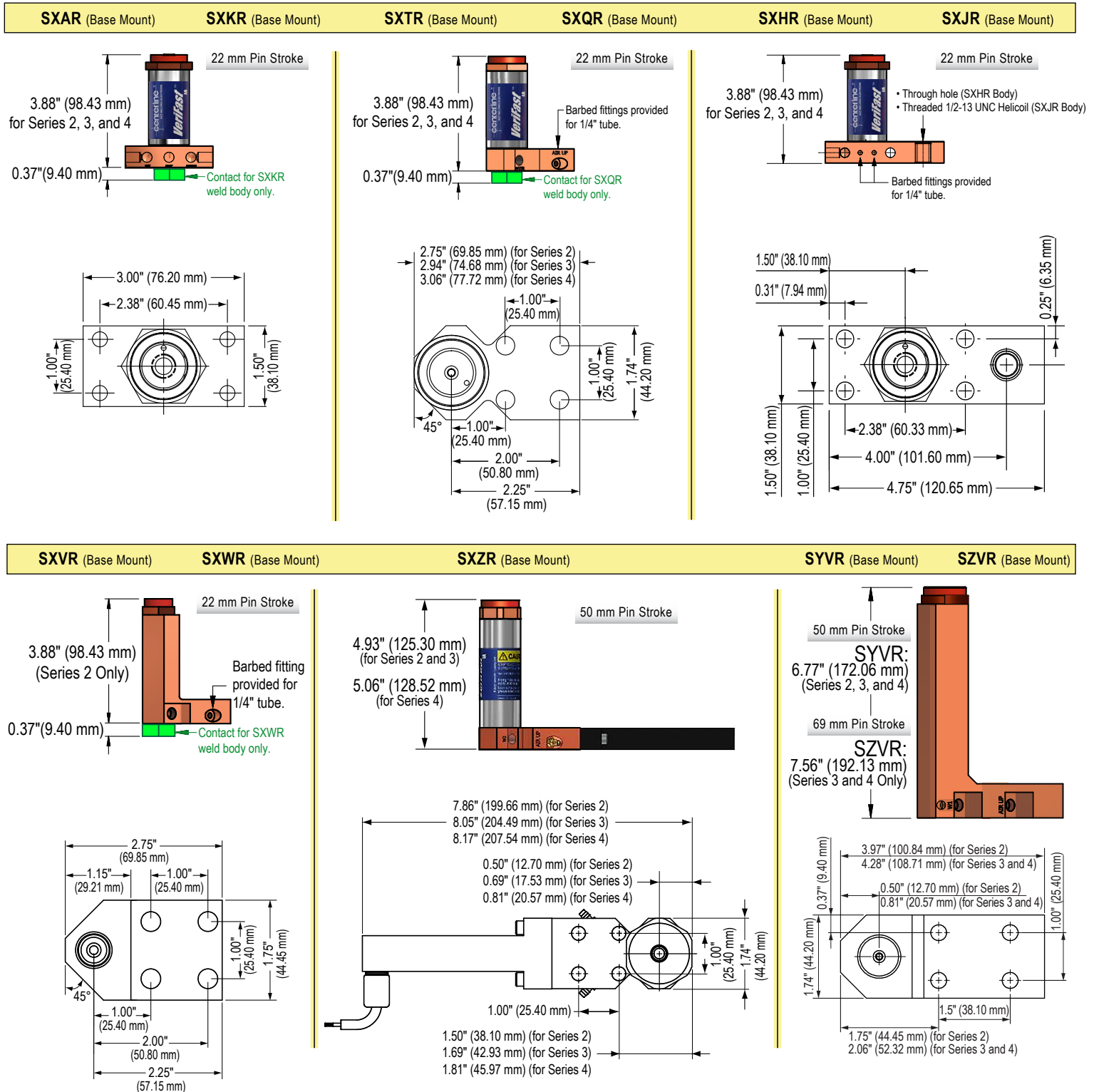
(Enter the corresponding dimensions below):

 <p>Min. Hole Diameter In Stamping</p>	 <p>Stamping Thickness</p>
<input type="text"/>	<input type="text"/>

# Weld Fastener Application with VeriFast™ IA

## 2. VeriFast™ IA Weld Body Information

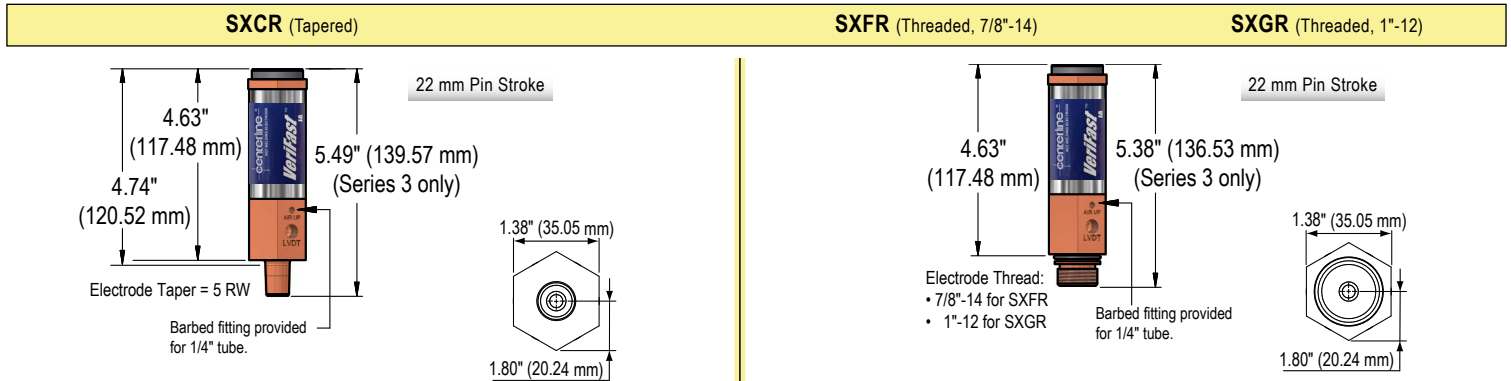
### 2.1. Body Style:



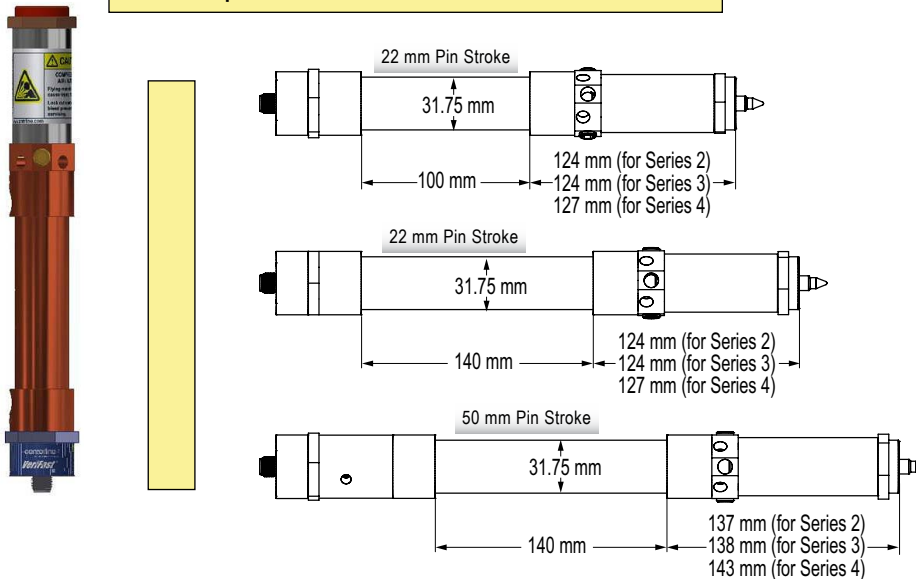
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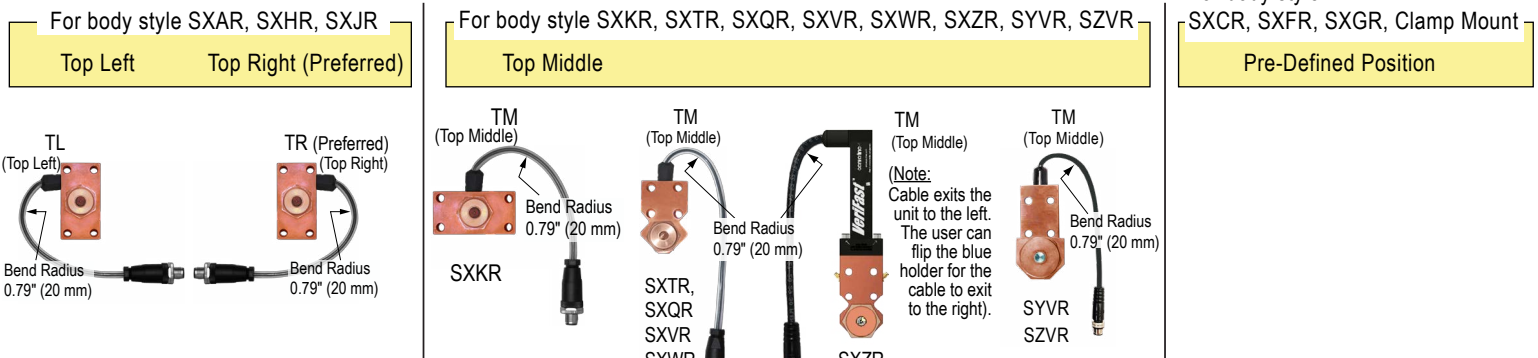
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## Clamp Mount



## 2.2. Cable Exit Position:



## 2.3. Port Thread † :

1/8" BSPP	1/8" NPT
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† For Clamp Mount body, NPT port thread only (no BSPP).

## Weld Fastener Application with VeriFast™ IA

### 3. Weld Head Information

#### Series \*

- 2 (0.87" Weld Face Diameter)
- 3 (1.25" Weld Face Diameter)
- 4 (1.50" Weld Face Diameter)

#### Material

- RWMA Class 3
- RWMA Class 11

\* Series 3 is preferred for all applications, unless clearance or welding issues exist. Exceptions are:

- SXVR and SXWR weld bodies are Series 2 only.
- Tapered (SXCR) and Threaded (SXFR, SXGR) weld bodies are Series 3 only.
- SZVR weld body is Series 3 or Series 4 only.

**IMPORTANT:** The Series number must be consistent between all components of IA Electrode (Body, Pin, and Head).

### 4. VeriFast™ IA Weld Pin Information

#### Type of Pin

- with DB (31 mm) core. (For SXAR, SXKR, SXTR, SXQR, SXHR, SXJR, SXVR, SXWR, SXCR, SXFR, SXGR weld bodies).
- XZ (with IA Cable / Pin Lock Assembly). (For SXZR weld body).
- with HE (74 mm) core. (For SYVR and SZVR weld bodies).
- Tapped Custom Weld Pin (For Clamp Mount weld body). Contact CenterLine for design.

#### Use Pin to Locate Stamping

- Yes (Permitted for: • All Nut applications
- Stud applications with Auto fastener loading)
- No (Required for Stud applications with Manual fastener loading)

#### Pin Clearance to Stamping

- 0.005 in (0.13 mm)
- 0.010 in (0.25 mm)
- Other (Specify)

#### Pin Material

- DuraPin™ (Recommended)
- Stainless
- Coated

### 5. Attachment Screws \*\*, \*\*\*:

Metric (M6 x 1 x 35)

Standard (1/4"-20 x 1 1/2")

Not Needed

\*\* Insulators are included for SXHR, SXJR, SXKR, SXQR, SXWR weld bodies.

\*\*\* SXCR, SXFR, SXGR, and Clamp Mount weld bodies do not use attachment screws.

### 6. Comments:

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