

# Weld Fastener Application with VeriFast™ LVDT

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

**Contact name** (Required):

**Company** (Required):

**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?**

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?**

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

**Fastener Part Number** (Required):

**Manufacturer** (Required):

**1.4. General Details:**

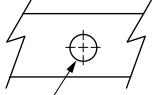
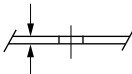
Units of Measurement  
 Metric (2 dec.)  
 Imperial (3 dec.)

Part Loading  
 Robot  
 Manual

Fastener Loading  
 Auto  
 Manual

Orientation of projections  
 Down  
 Up

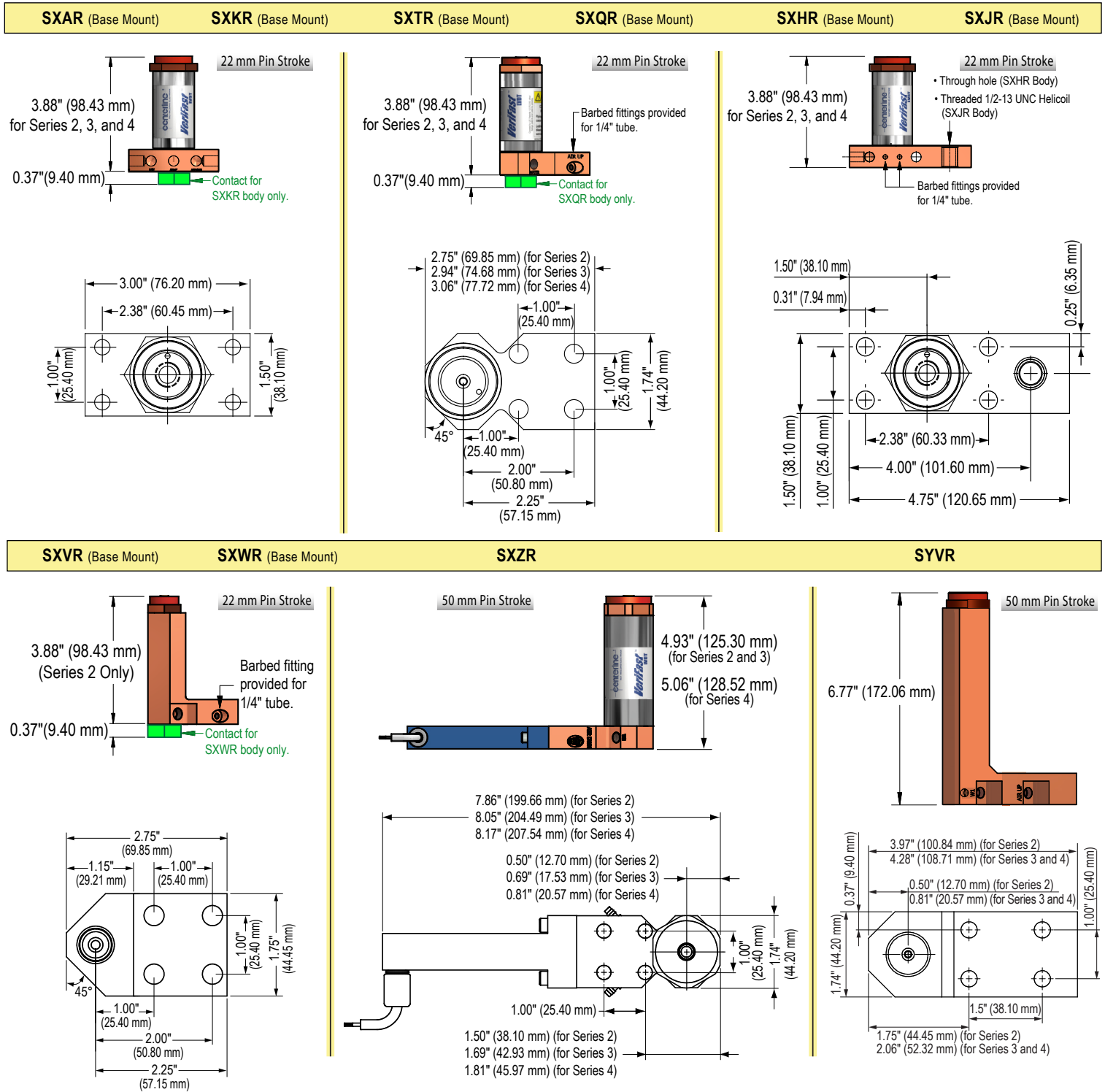
**1.5. Stamping Details:** (Enter the corresponding dimensions below):

 Min. Hole Diameter In Stamping	 Stamping Thickness
<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>

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## 2. VeriFast™ LVDT Weld Body Information

### 2.1. Body Style:

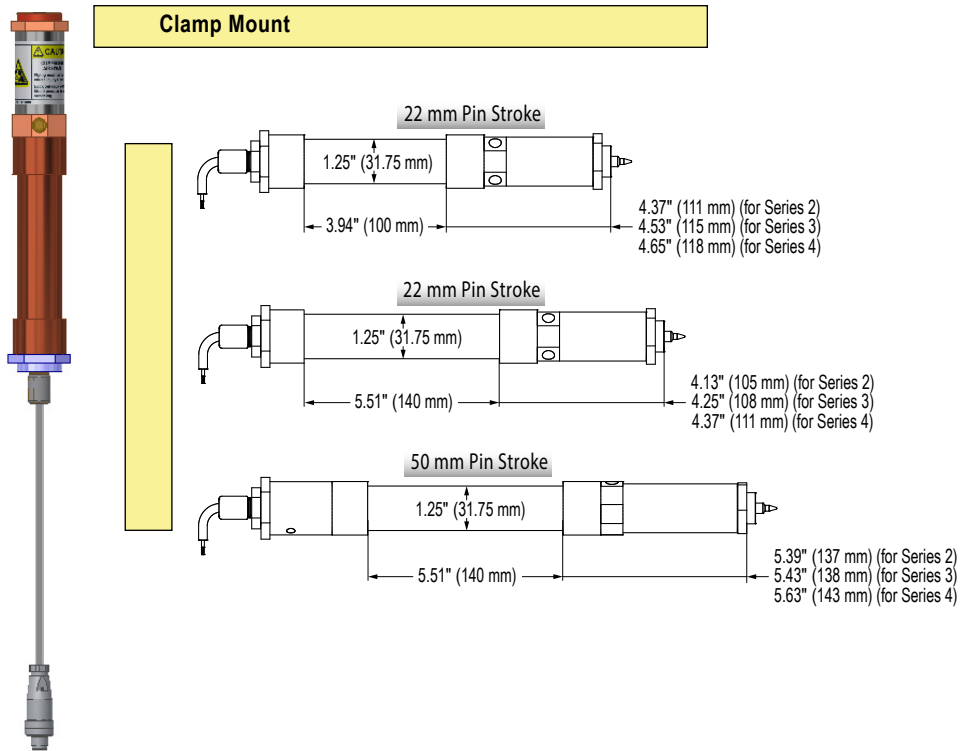
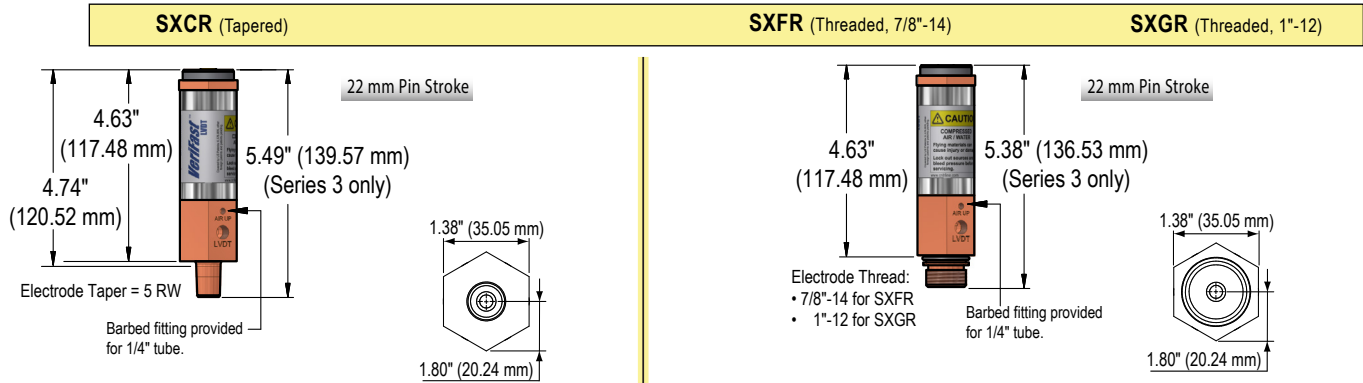


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**Note:** A Signal Conditioner is required for each weld body, with the exception of interchangeable tooling.

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## 2.2. Signal Conditioner:

(Note: A Signal Conditioner is required for each weld body, with the exception of interchangeable tooling.)

Is a Signal Conditioner required with this request?

Yes	No
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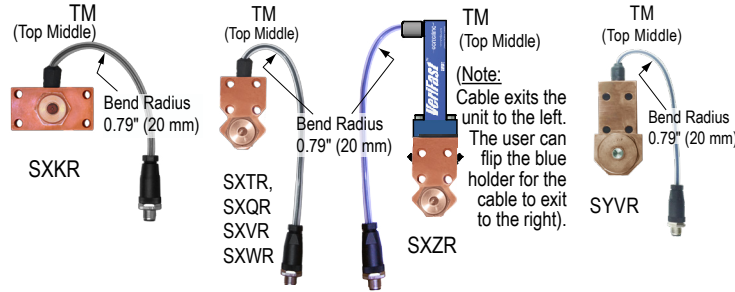
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## 2.3. Cable Exit Position:

For body style SXAR, SXHR, SXJR  
 Top Left      Top Right (Preferred)



For body style SXKR, SXTR, SXQR, SXVR, SXWR, SXZR, SYVR  
 Top Middle



For body style SXCR, SXFR, SXGR, Clamp Mount  
 Pre-Defined Position

## 2.4. Port Thread † :

1/8" BSPP      1/8" NPT

† For Clamp Mount body, NPT port thread only (no BSPP).

## 2.5. 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 bodies when attachment screws are selected.

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

## 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, which are Series 2 only. Tapered (SXCR) and Threaded (SXFR, SXGR) Weld Bodies are Series 3 only.

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

## 4. VeriFast™ LVDT Weld Pin Information

Type of Pin  
 with DG (36 mm) Connecting Rod. (For SXAR, SXKR, SXTR, SXQR, SXHR, SXJR, SXVR, SXWR weld bodies)  
 with XZ (LVDT Cable / Pin Lock Assembly). (For SXZR weld body)  
 with HG (76 mm) Connecting Rod. (For SYVR weld body)  
 with DJ (39 mm) Connecting Rod. (For SXCR, SXFR, SXGR weld bodies)  
 Tapped (E). (For Clamp Mount weld body)

Use Pin to Locate Stamping  
 Yes  
 No

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. Comments:

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

FDP-VFA-LVDT-WFA-EL-2.3-0622