

# **Product Specifications**

# Model: #FB-SW1 Base Plate - Weld-On, For Installation of Fall Arrest Posts

## **General Specifications:**

 The #FB-SW1 Weld-On Base Plate is intended to be permanently attached upon structural steel members and used for the removable mounting of PELSUE brand fall arrest posts.

Plate is to be welded on to surface adhering to all PELSUE guidelines.

## **Materials & Construction:**

GENERAL CONSTRUCTION:..... WELDED CARBON STEEL WELD CERTIFICATION:..... AWS - D1.1

MATERIAL:..... ASTM A36 STEEL

#### **Dimensions:**

GENERAL DIMENSIONS:..... LENGTH - 9.0"

WIDTH - 8.0" HEIGHT - 2.9"

WEIGHT:.....12 LBS. (5.5 KG.)

### **Strength & Testing Data:**

TORSIONAL PROOF LOAD:......20,274 FT.-LB. (27,488 N-M) AT PIN HOLE CENTER

EQUIVALENT LOAD & ANGLE:... 5400 LB. (2449 KG.) TENSILE FORCE APPLIED AT A POINT 55 INCHES (1.4 M) ABOVE PIN HOLE CENTER

AT AN ANGLE OF 55 DEGREES OFF OF VERTICAL.

RATING:......3 PERSON FALL ARREST ANCHORAGE WHEN USED IN CONJUNCTION WITH AN APPROVED FALL

ARREST POST AND 900 LB. MAF DEVICES ON ALL CONNECTIONS AND INSTALLED ACCORDING TO

**GUIDELINES BELOW** 

#### **Mounting & Installation Requirements:**

! WARNING! - FAILURE TO COMPLY WITH MOUNTING REQUIREMENTS WILL VOID ANY WRITTEN OR IMPLIED RATING AND COULD RESULT IN SERIOUS INJURY OR DEATH

- 1. The base plate must be welded to the supporting structure by a qualified & certified welder following prescribed AWS procedure & protocol.
- 2. The base plate must be welded with 5/16" (8 MM) continuous fillet weld all around the four sides of the base plate.
- 3. It is the user's responsibility to ensure that the supporting structure to which the base plate is attached is capable of withstanding and supporting the base plate's reported proof loads. Failure to do so will void any system rating.
- 4. In order to comply with all standards and stated ratings, the FB-SW1 Base Plate must be installed by a certified welder following the requirements given within PELSUE Document #500588-001; "Guidelines for Installation of PELSUE Brand Weld-On Fall Arrest Post Base Plates." Failure to follow guidelines will negate all claims of compliance and/or certification



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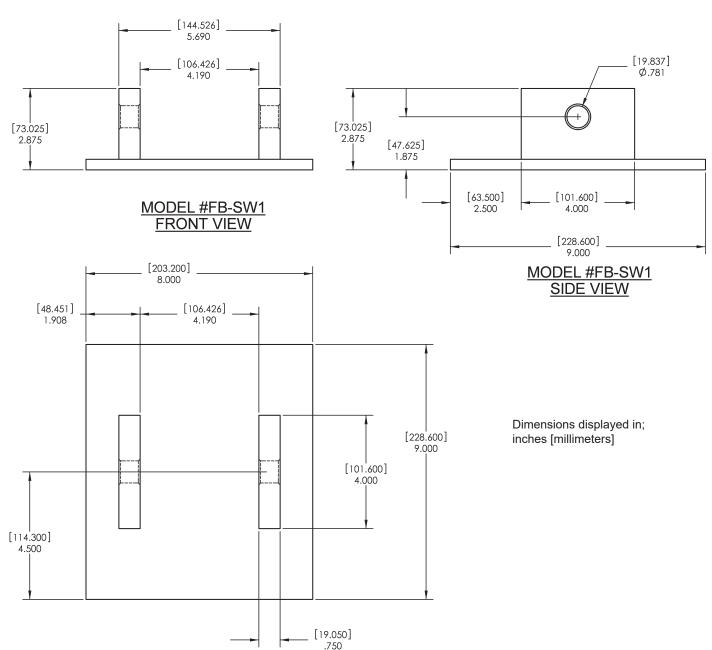
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MODEL #FB-SW1 TOP VIEW



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