

User Instructions - #1701 – Anchor Plate with D-ring



This document serves as the Manufacturer's Instructions, and is to be used as part of an employee training program for the system, as required by OSHA.

ATTENTION: The user **MUST** be trained before using this product. Use this manual as part of a user safety training program that is appropriate for the user's occupation. These instructions must be provided to users before use of the product and retained for ready reference by the user. The user must read, understand (or have explained), and follow all instructions, labels, markings and warnings supplied with this product and with those products intended for use in association with it **FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.**

*****Warning:** Read, understand, and follow all instructions. Failure to do so may result in serious injury or death. Do not use unless properly trained. It is the employer's responsibility to ensure that all users are properly trained in the proper use, inspection, and maintenance of fall protection equipment.

The FCP 1701 anchor is made for application's in which finding a place to tie off is difficult. It can be mechanically attached or welded to a structure, providing a 5000 lb anchorage point.

When installed properly this device meets all OSHA standards for 5000 lb anchorage points.

MATERIAL PROPERTIES

- Anchor plate is made out of 1020 hot rolled flat steel (ASTM A-36). It is 1/4 inch thick and 2 inches wide. Each plate is 8 inches long and is pressed to form.
- D-ring is made of zinc plated 4130 heat treated alloy steel. D-Rings are 100% proof loaded to 3600 lbs and have a minimum breaking strength of 5000 lbs.

INSTALLATION INSTRUCTIONS

Mounting Structures Requirements:

Any structure in which the 1701 Anchor is to be attached, should be capable of sustaining static loads (applied in the direction of use) of at least 5,000 pounds. When more than one anchor is attached to a given mounting structure, the structure strengths (set forth above) must be multiplied by the number of anchorages attached to that structure. *All structures designated for anchorage (both single and multiple uses), must be deemed suitable by a qualified safety inspector.

Welding:

*****All welding operations shall be performed by a qualified professional welder.**

*****FrenchCreek Production assumes no liability for the quality of a weld or the individual performing the welding.**

Slip the d-ring onto the plate, ensuring that the square side of the d-ring slides into the notched center of the anchor plate. Temporarily clamp the plate into position for welding. Make sure that the anchor plate mounts flush with the mounting structure. Weld around the perimeter of the plate. DO NOT DAMAGE the D-Ring! A protective coating should be applied to the welds/anchor to prevent corrosion of the welds and product.

Bolting:

*****All mechanical attachments shall be determined by an engineer on sight or a qualified person.**

Bolting assemblies shall consist of a bolt, locking washer, and nut. Bolting assemblies shall coincide with the strengths provided in the earlier mounting structure requirement. All bolt assemblies should be grade five or better, with a diameter of 1/2" or larger. A protective coating should be applied to all bolt assemblies to prevent corrosion – or – stainless steel bolt assemblies should be used. Each anchor plate will have 4 bolt assemblies.

Make sure plate mounts flush with mounting structure. Mark the center of each hole for drilling. Drill the holes into the structure. Slip the d-ring onto the plate, ensuring that the square side of the d-ring slides into the notched center of the anchor plate. Insert the bolts. Using lock washers, tighten the nuts to the proper, necessary torque.

INSTRUCTIONS FOR USE

****ONLY ONE INDIVIDUAL SHALL BE TIED OFF TO AN ANCHOR AT ONE TIME.**

Only compatible connectors shall be used to attach to the d-ring

Inspect the 1701 Anchor prior to each use. DO NOT use the anchor if it is visibly damaged, corroded, has tears, cracks, or deformations. DO NOT use the anchor if it appears to have been stressed, out of place, or twisted. The anchor should be inspected by a safety professional prior to every use.

A protective coating should be applied to the bolts/anchor to prevent corrosion of the application or product.

*****When the device is mechanically attached, ALL bolts, nuts, and washers should also be inspected to insure they are tight and have no wear, corrosion, or deformation.**