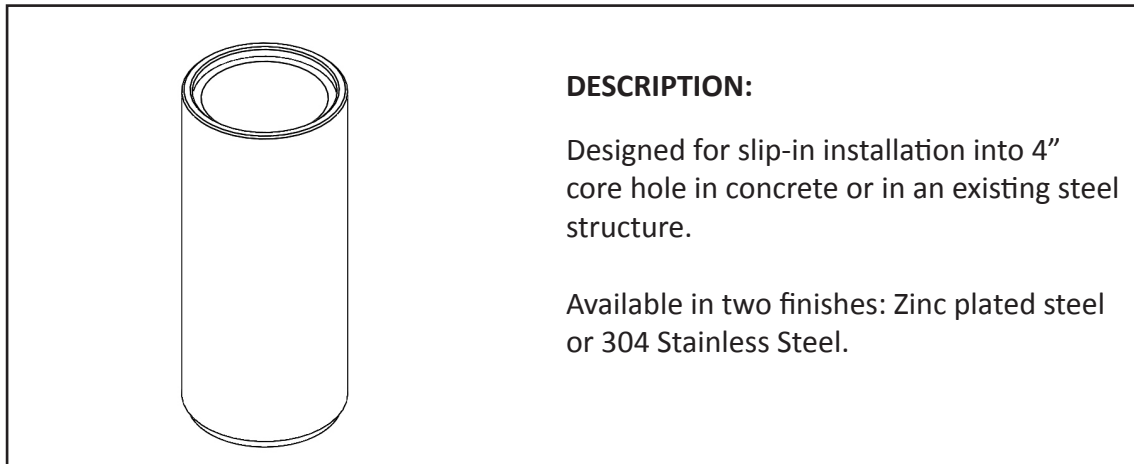


# Davit Core Mount Sleeve

## 65050CRZ (Zinc Plated Steel) / 65050CRS (Stainless Steel)

### User Instruction Manual



**DESCRIPTION:**

Designed for slip-in installation into 4" core hole in concrete or in an existing steel structure.

Available in two finishes: Zinc plated steel or 304 Stainless Steel.

**GENERAL SPECIFICATION**

Rated Capacity (Work load): 620 lbs (281 kg)  
@ Minimum 4:1 Design Factor  
Mast Moment Proof Load: 74,000 in-lbs (8,861 Nm)  
Mast Rotation: 360°  
Weight (with sleeve insert): 9.4 lbs (4.3 kg)

**MATERIALS AND CONSTRUCTION**

General Construction: Welded Steel/SS  
Base-Plate Material: A-36 Steel Plate/304 SS  
Sleeve Material: Sch. 40 Pipe/304 SS  
Sleeve Insert Material: PVC Pipe, ASTM-D-1785  
Finish (Steel): Zinc Plated  
Finish (SS): Bead Blasted  
Plating Specification (Zinc): ASTM B633-13, Type III, SC2, Yellow

**MINIMUM MOUNTING REQUIREMENTS**

Concrete Thickness: 9.5 in (241 mm)  
The structure and mounting hardware must be capable of withstanding a 74,000 in-lbs (8,361 Nm) moment and a 5,000 lb (2268 kg) vertical load. Installation MUST comply with local regulation standards and be approved by a qualified engineer before use.

**To be used in conjunction with the FallTech Davit System only.**

**PRE-USE INSPECTION**

Inspect the Core Mount Sleeve thoroughly for damage, inspection should include checking for dents, cracks, deformed or bent tubing and welded areas for cracks.

**Do not use if the Core Mount Sleeve if it fails any part of this inspection.**

**APPLICATION RESTRICTIONS:**

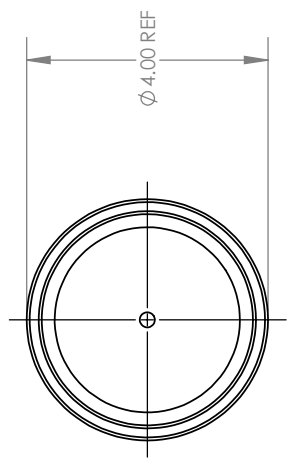
1. Sleeves are to be used with masts and accessories manufactured by FallTech ONLY.
2. System Design factor depends on other system components and the configuration in which they are assembled. The minimum design factor for all standard FallTech safety systems masts and accessories is 4:1.
3. Allow welding to be carried out by qualified personnel.
4. If base material fails to meet minimum requirements, a reinforcement MUST BE added in order to meet minimum requirements.
5. Each installation MUST comply with local regulation standards and be approved by a qualified engineer before use.

This manual is intended to meet the Manufacturer's Instructions as required by the American National Standards Institute (ANSI) Z359 and should be used as part of an employee training program as required by the Occupational Safety and Health Administration (OSHA).

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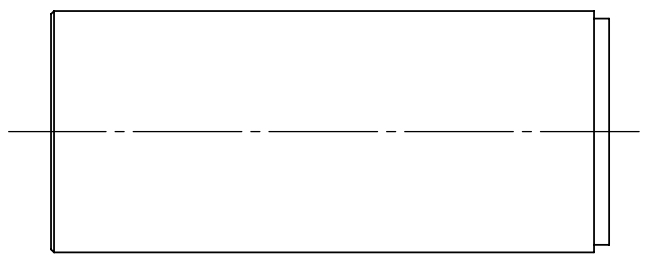
Top View



Front View



Right View



For Reference Only



|         |       |                     |     |
|---------|-------|---------------------|-----|
| TITLE   |       | Core Mount Sleeve   |     |
| DWG NO. |       | 65050CRS / 65050CRZ |     |
|         | SCALE | SHEET               | REV |
|         | 1:3   | 1/1                 | A   |
|         |       | SIZE                | A   |

1 2 3 4 5 6 7 8