



Description

Zinc plated mild steel construction. 3.5" throat opening with 8 independent clamping screws allows temporary installations over edges of shoring cans, walls and other structures. Comes with PVC liner.

General specifications:

Rated Capacity(<i>working load</i>)	450 lbs. (205 Kgs.) @ minimum 4:1 Design Factor (see <i>application restriction 2</i>)
Mast Moment Proof Load	90.000 In.-lbs (10 KN.-M.)
Proof Tests	UCT-310
Mast Rotation	360°
Weight	36 lbs(16.4 Kg)

Note: Sleeves are designed to withstand the proof load rating of all standard Miller Durahoist masts.

Materials and Construction:

General Construction	Welded Steel
Weld Certification	CWB-47.1
Structure Material	A-36 Steel Plate
Sleeve Material	Sch. 40 Pipe
Sleeve Bearing Material	PVC Pipe - ASTM-D-1785
Thrust Bearing Material	High Density Polyethene
Finish (<i>Steel Sleeves</i>)	Zinc Plated
Plating Specification	ASTM Designation B633-85, Type III, SC2

Mounting Requirements(minimum):

1. Excessive wall taper can cause the retaining screws to slip. Each installation **MUST** be certified by the installing engineer. Walls in excess of 1 degree from vertical on either wall must be modified to meet this specification.
2. The structure in the area of the clamp must withstand a moment of 90000 in.-lb (10170N-m) moment AND 5000 lb (22.2 kN) vertical load without deformation. Each installation **MUST** be installed to local regulations by a qualified engineer.

Application Restrictions:

1. Sleeves are for use with approved masts & accessories **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 MILLER DURAHOIST masts and accessories is 4:1.
3. If base material does not meet minimum requirements, reinforcement **MUST BE** added to meet minimum requirements.
4. Each installation **MUST BE** approved to local standards by a qualified engineer.

CERTIFICATION

