



Descriptions:

Zinc plated* mild steel or 304 stainless steel construction. Compact design creates minimum intrusion into work space. Mounts to vertical concrete or steel structure. Comes with PVC sleeve liner.

* UCL Safety Systems Advanced Series sleeves feature zinc plating with a CS -500 sealant finish providing corrosion resistance similar to hot-dip galvanizing

General specifications:

Rated Capacity(<i>working load</i>)	450 lbs. (205 Kgs.) @ minimum 4:1 Design Factor (see <i>appl. restriction 2</i>)
Mast Moment Proof Load	90,000 In.-lbs (10,000 N.m)
Proof Tests	UCT - 305, 438
Mast Rotation	360°
Weight	12.0 lbs(5.5 Kg)

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

Materials and Construction:

General Construction	Welded Steel/Stainless Steel
Weld Certification	CWB-47.1
Structure Material	A-36 Steel Plate/304 S.S
Sleeve Material	Sch. 40 Pipe/304 S.S
Sleeve Bearing Material	PVC Pipe - ASTM-D-1785
Thrust Bearing Material	High Density Polyethene
Finish (Steel Sleeves)	CS-500 Zinc Plated
Finish (Stainless Steel)	Brush Blast
Plating Specification	ASTM Designation B633-85, Type III, SC2

Mounting Requirements(minimum):

The Structure and mounting hardware must be capable of withstanding a 90,000 in.-lbs(10000 N.m) moment and a 5000 lbs. (22.2 kN.) vertical load.

Anchors used to mount this base must have an installed minimum pull-out strength of 10000 lb (44.4 KN) and a shear strength of 5000 lb (22.2 KN).

Installation **MUST BE** approved to local regulations by a qualified engineer.

Application Restrictions:

1. Sleeves are for use with masts & accessories manufactured by Unique Concepts Ltd. **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 UCL Safety Systems masts and accessories is 4:1.
3. All welding is to be carried out by qualified personnel.
4. If base material does not meet minimum requirements, reinforcement **MUST BE** added to meet minimum requirements.
5. Each installation **MUST BE** approved to local standards by a qualified engineer.

CERTIFICATION



