

# MAGNUM® MLOC##24-4 Shear Lock

Allowable Lateral Capacity 8.5 Tons

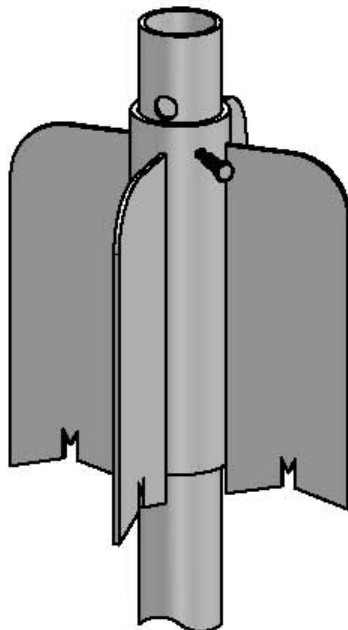
1/2" Plate and 4.63" I.D. Collar

Fits MH425B(-6), MH431B(-6) Magnum® Helical Piles



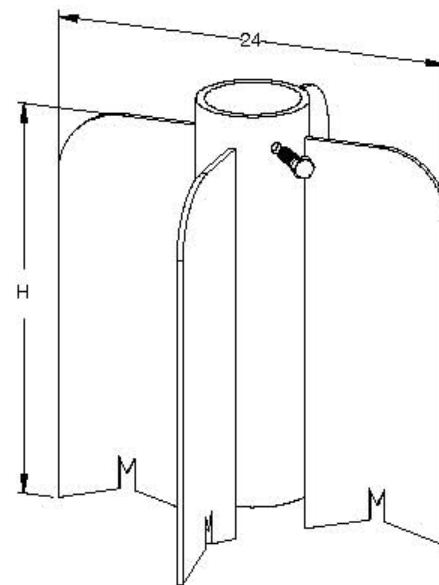
SPECIFICATIONS	
Collar Tube	0.31 in. x 4.63 in. I.D. ASTM A513 65 ksi or Better
Configuration	1/2" Plate
Pile Connection	(1) 3/4" SAE J429 Grade 8 Zinc Coated to ASTM B695/F1941
Surface Coating	Galvanized per ASTM A153/A123 (G), Bare Steel (NG), or Epoxy Coated per ICC-ES AC228 (EP)
Compatibility	MH425B(-6), MH431B(-6)

PART NUMBER HEIGHT, H	ALLOWABLE CAPACITY
MLOC1224-4 12"	4.2 Tons
MLOC1824-4 18"	6.2 Tons
MLOC2424-4 24"	8.5 Tons



## Description

The Magnum MLOC##24-4 shear lock has 8.5 tons allowable capacity in lateral load resistance at ground level. The shear lock consists of a collar tube with (1) 3/4" set screw for connection to Magnum helical piles. The bracket is designed in accordance with ICC-ES document AC358 as well as IBC, and AISC codes. Design and detailing of the connection to the structure varies by project and is the responsibility of registered design professional.



**All Magnum Products Made in U.S.A.**

U.S. Patents 6,058,662 and 5,234,287; Other Patents Pending.

## Installation Notes:

Install the helical pile to the correct depth and torque. Slide the Shear lock over the pile head and push into soil such that shear lock plates are completely embedded in surrounding soil. DO NOT excavate soil surrounding pile head to install shear lock. If soil is excavated use a flowable fill to backfill excavated soil around shear lock. Prepare the pile for pile cap as required.

## Magnum Piering, Inc.

6082 Schumacher Park Dr.

West Chester, OH 45069

800-822-7437

[www.magnumpiering.com](http://www.magnumpiering.com)