

# EXCEL MODULAR SHORING POSTS

Part Number	Description	Effective Length (inches)	Overall Length (inches)	Galvanized Weight (lbs.)
SHP2	2-Cup Shoring Post	11.5	18.5	26
SHP4	4-Cup Shoring Post	23	30	30
SHP6	6-Cup Shoring Post	34.5	41.5	41.3
SHP8	8-Cup Shoring Post	46	53	52.6
SHP10	10-Cup Shoring Post	57.5	64.5	52.6
LSH	Large Shoring Head	46	60	94
LHJ	Large Shoring Jack	46	60	93
BAC	Big Swivel Clamp (3.5" x 2")	—	—	6.7
LSJW	Shoring Wrench	—	—	10



### BUILD NOTES:

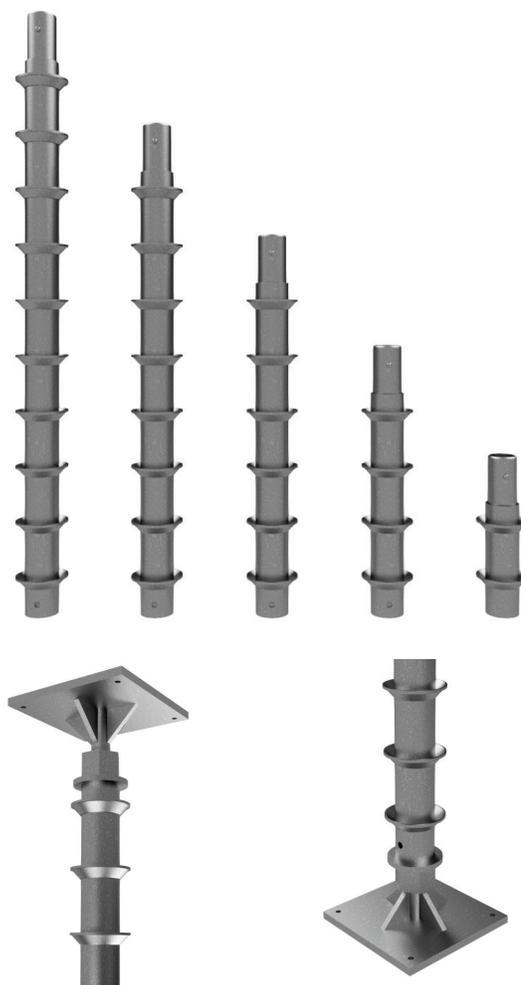
1. Cup spacing is 5.75 inches, the same as standard Excel verticals.
2. Shoring posts are 100% compatible with standard Excel material and may be intermixed to provide the best design.
3. Due to the diameter of the Excel shoring verticals, standard length pans will not fit between the spacing of the horizontals. This is due to increased spacing of 1 <sup>2</sup>/<sub>32</sub> inches.
4. **All shoring must be approved by an Excel Engineer and P.E.**

### MATERIAL SPECS:

1. The pin material is made out of 3.0 OD 1/4-inch wall DOM tubing.
2. The shoring post material is made out of standard 3.5 inch OD schedule 40 material.



**CAUTION:** There are pinch points located where the screw jack meets the verticals.



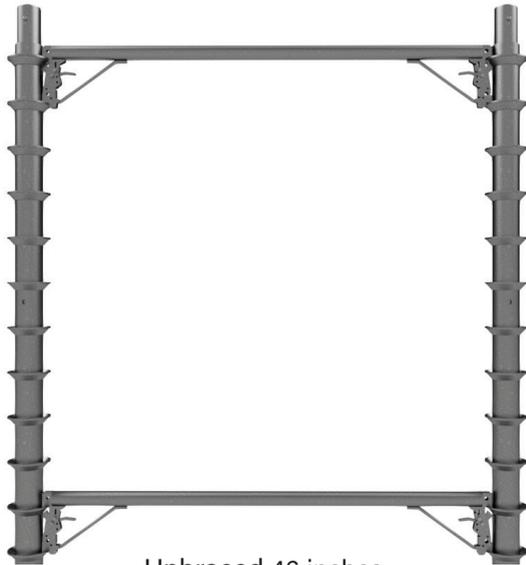
**All material must be inspected prior to use! See inspection guidelines on page 43 of this manual.**

**SHORING MATERIAL**

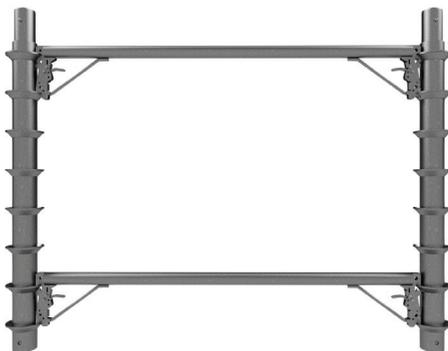
# EXCEL MODULAR SHORING POSTS (CONT'D)

Unbraced Post Length (inches)	Maximum Allowable Compressive Load When Rated for Scaffold Use (lbs.)	Maximum Allowable Compressive Load When Rated for Shoring Use (lbs.)
46	25,000	35,000
23	27,500	37,500

SHORING MATERIAL



Unbraced 46 inches



Unbraced 23 inches

**BUILD NOTES:**

1. Shoring posts are 100% compatible with Excel standard horizontals and trusses and may be intermixed to provide the best design.
2. Diagonal bracing is comprised of standard 1.9-inch tube and 3.5- x 1.9-inch swivel clamps (See pg. 24).

**ENGINEERING:**

1. Allowable loads when rated for scaffold use, include OSHA (4:1) factor.
2. Allowable loads when rated for shoring use, include OSHA (2.5:1) factor.
3. **All shoring applications shall have a drawing provided by an Excel Engineer and require a P.E. stamp.**



**CAUTION:** There are pinch points located where the screw jack meets the verticals.

**All material must be inspected prior to use! See inspection guidelines on page 43 of this manual.**

# EXCEL MODULAR SHORING HEADS AND JACKS

Unbraced Post Length (inches)	Maximum Allowable Compressive Load When Rated for Scaffold Use (lbs.)	Maximum Allowable Compressive Load When Rated for Shoring Use (lbs.)
46	25,000	35,000
23	27,500	37,500

**BUILD NOTES:**

1. Shoring heads and jacks are 100% compatible with Excel standard horizontals and trusses and may be intermixed to provide the best design.
2. Diagonal bracing is comprised of standard pipe and 3.5- x 2-inch swivel clamps.

**ENGINEERING:**

1. Allowable loads when rated for scaffold use, include OSHA (4:1) factor. When designing scaffolds with unique configurations or special loading conditions, drawings must be provided by an Excel Engineer, as well as the drawing be P.E. stamped.
2. Allowable loads when rated for shoring use, include OSHA (2.5:1) factor. All shoring applications shall have a drawing provided by an Excel Engineer and require a P.E. stamp.
3. **All shoring designs must be approved by a professional engineer.**



**CAUTION:** There are pinch points located where the screw jack meets the verticals.

Shoring jacks telescope causing pinch points. Use caution when loading, carrying and installing jacks.



Shoring Head



Shoring Jack

**TROLLEY SYSTEM**

**All material must be inspected prior to use! See inspection guidelines on page 43 of this manual.**