

# Regis 4000 Series - Bracketed



## Installation Instructions

- It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The installer should determine and implement the installation techniques appropriate for each unique installation situation. Digger Specialties, Inc. and its distributors shall not be held liable for improper or unsafe installations.
- When core drilling any post product where water can build up, the installer is responsible to drill a 1/4" hole as close to the bottom of the post by concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing.

### Step 1: Layout the Fence Line

1. For a standard 8' section post spacing is 96" from center to center of posts. Determine length of sections needed. A standard 8' section will rack up to 20". NOTE: The center-to-center post distance can vary  $\pm 1/2"$ .
2. Mark ground where centers of all holes will be. For a 2 1/2" post, center of hole will be 1/4" away from string.
3. Dig all holes. We recommend having bottom of holes below frost line and to bell out bottom of holes to help prevent frost uplift. An 8" to 9" diameter hole is recommended for these posts.

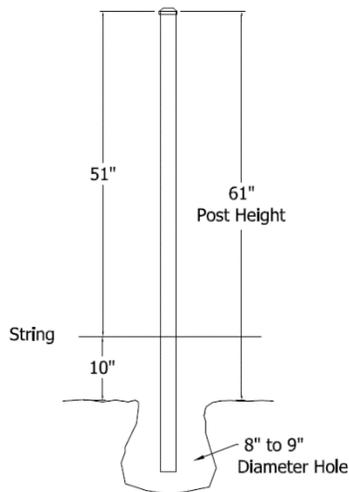
### Step 2: Attach Caps to Posts

Caps should be placed on posts before installation. Secure caps by tapping with a rubber mallet.

### Step 3: Setting Posts

To help achieve correct height for posts, set string at a certain height from the ground. The following example is using a string set 10" off the ground.

Example: 60" tall 4230 is 61" from ground level to top of post;  
subtract 10"  
(amount string is off the ground)  
from 61" (post height out of ground) = 51". Use a pencil to mark 51" down from the top of all the posts.



### Step 3: Setting Posts cont'd

1. Pour approximately half a bag of concrete mix into the hole.
2. Place posts into hole with concrete.
3. Level the posts to the string and to the correct center to center measurement (if needed, you can use a spacer cut to the inside-to-inside measurement for this).
4. Pour more concrete around post. We recommend concrete to be at least 8" below the ground.
5. Using a rod (or something similar), run it up and down through the concrete a few times around the post to help pack the concrete.
6. When all posts are installed, double check all post heights.
7. Add some water to permanently set the posts. Let concrete harden.

### Step 4: Attach Sections

#### Line and Universal Brackets:

1. Using a 1/4" x 1 3/4" bolt, go through bracket and each rail, hand tighten nut.
2. Position brackets on post so the sections are 2" above ground level.
3. Place a screw through the bracket and into the post.
4. Finish tightening the bolts securing the rails.

#### End Brackets:

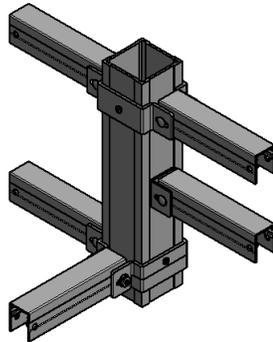
1. Determine the location of bracket on post.
2. Fasten bracket with screw provided.
3. Attach the section to bracket with 1/4" bolts.

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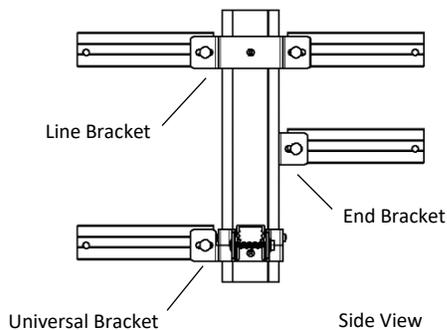
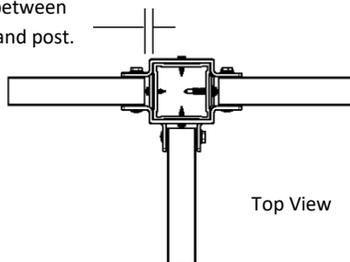
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### Rail and Bracket Example



3/8" gap between end of rail and post.

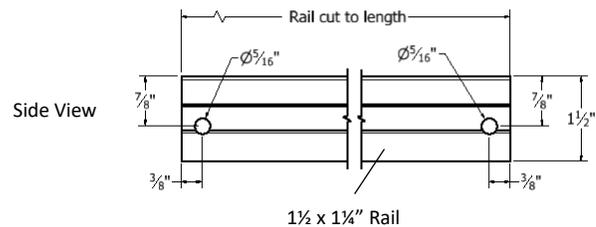


### Cutting Sections to Length

1. Determine the length of section needed (measurement inside to inside of post minus 3/4"). Example: 8' section = 92 3/4" rail length).
2. Center section in between posts, mark, and cut rails 3/8" shorter than mark.

### Cutting Sections to Length cont'd

3. Drill a 5/16" hole 3/8" from end of rail to center of hole on both side of the cut rail.
4. Install as above.



### Replacing a Picket

1. Determine which side of the picket the e-clip is located. (All e-clips will be located on same side in section).
2. Take a flat head screwdriver under rail between picket and e-clip.
3. Slide away from picket.
4. Do this for all rails.
5. Insert new picket with pre-drilled holes facing e-clips.
6. Slide e-clip towards picket with flat head screwdriver (or finger) until e-clip snaps into picket.

#### If e-clips need replaced:

1. Using needle nosed pliers, squeeze e-clip together.
2. Twist and pull down.
3. To insert new e-clip, squeeze e-clip together.
4. Twist and insert above track inside of rail.
5. Slide e-clip toward picket with flat head screwdriver (or finger) until e-clip snaps into picket.

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- *When core drilling any post product where water can build up, the installer is responsible to drill a ¼" hole as close to the bottom of the post by concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing.*

### Gate Installation

We recommend using heavy wall (.125") posts on both sides of gates. The gates are preassembled; however, the hinges and latch will need to be applied. Installation Instructions are provided with the gate hardware.

### Care and Cleaning

Remove all particles and residue from Regis aluminum components by referring to the Care and Cleaning requirements on the DSI website.

