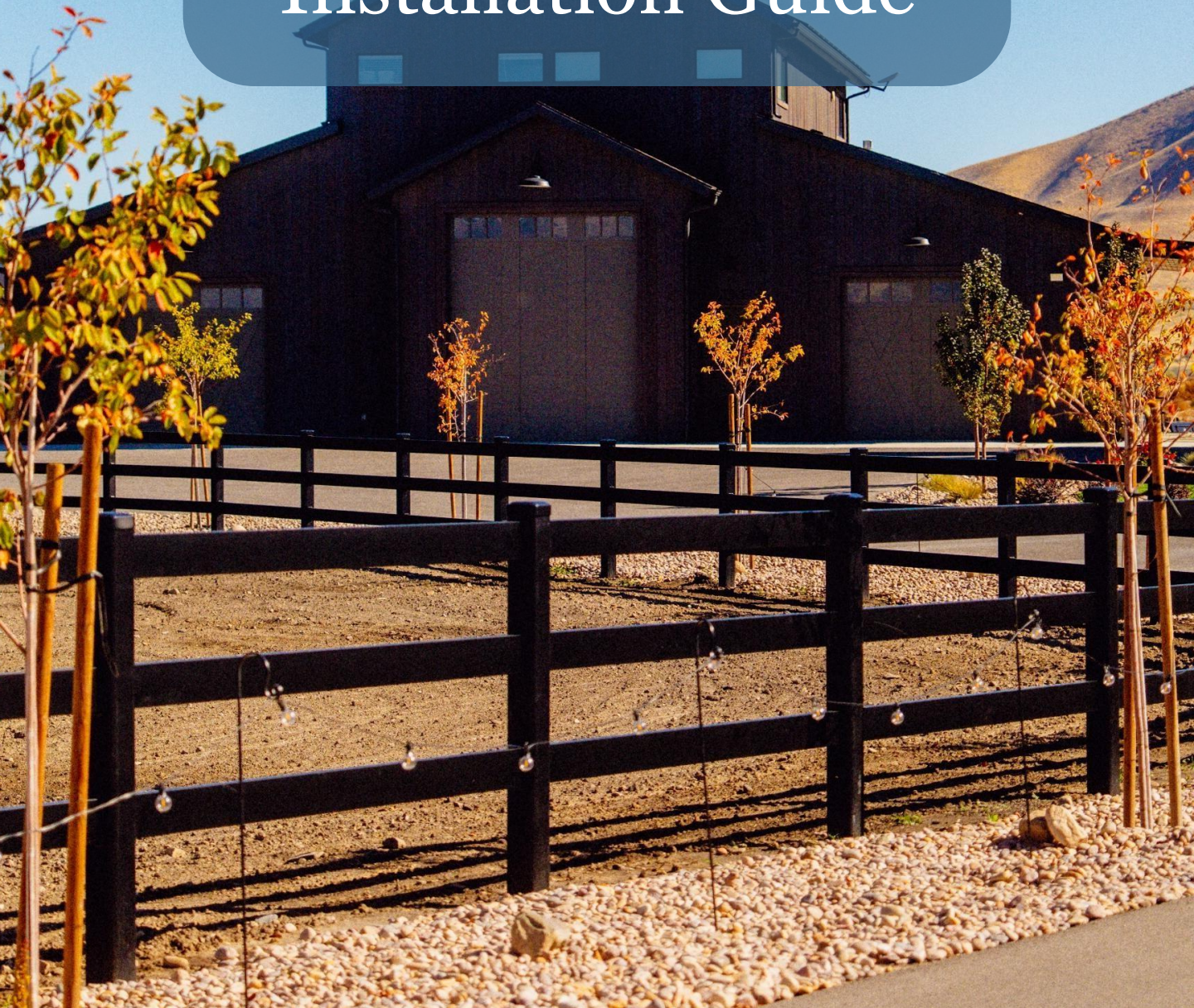


ROYAL STABLES



Installation Guide





ROYAL STABLES

Quick Reference - Installation

Familiarize Yourself With Royal Stables

- System overview and rail configuration
- Post types and components
- Determining section length & post height

Space & Mark Holes

- Consistent spacing between line posts
- Identify gate locations before setting posts

Dig Holes

- 24"–36" depth recommended
- Minimum 25% of total post height in-ground
- 8"–12" diameter holes depending on soil

Prepare Posts

- Cut posts to height if needed
- Confirm line, end, corner, and gate post placement

Set Posts

- Insert posts, level, plumb
- Backfill with soil or concrete
- Verify spacing using rails

Install Bottom Rail

- Insert rail into post openings
- Ensure equal engagement on both posts

Install Remaining Rails

- Insert upper rails post-to-post
- Tap gently to seat fully

Install Gates

- Set gate posts in concrete

- Hang gate, install hinge & latch hardware

Add Caps & Final Adjustments

- Install post caps
- Walk fence line and confirm alignment

Disclaimer

The instructions contained in this manual are provided for informational purposes only, and should not be taken as an exhaustive list of precautions and considerations to take into account when installing Royal Stables fencing products.

Environmental conditions, local laws and regulations, and specific fence components and configurations may necessitate deviation from the instructions contained in this manual.

Fence installation should always be conducted by or under the supervision of an experienced and responsible professional.

Follow all local building and zoning codes when installing Royal Stables fence. Do not install Royal Stables fence in an area where you do not have permission to do so.



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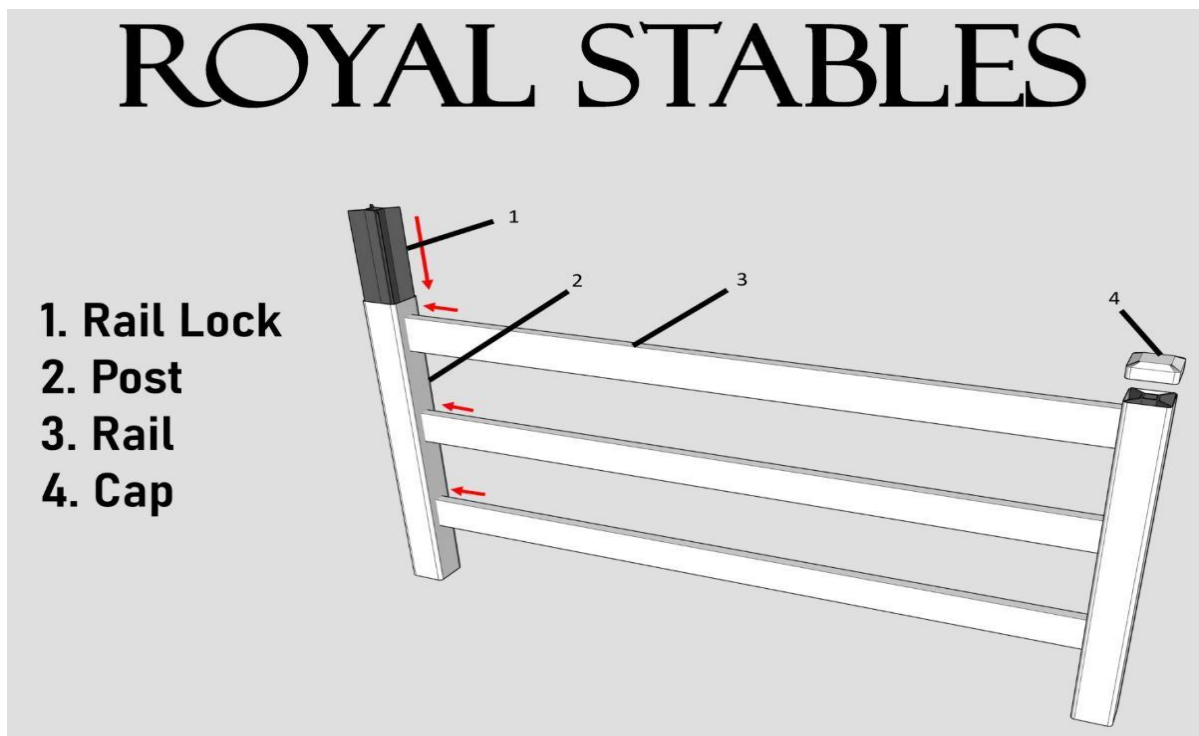
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Step 1.1: System Overview

Royal Stables is a steel ranch rail fencing system built for durability, longevity, and a classic ranch-style appearance. Each section consists of:

- Steel Line Posts
- Steel End & Corner Posts
- Steel Gate Posts
- Steel Rails (2-rail, 3-rail, or 4-rail configurations)
- External Post Caps

Unlike wood or vinyl, Royal Stables rails and posts are treated and powder-coated for long-term protection with the same clean spacing used in vinyl ranch rail systems.



Step 1.2: Post Types & Components

Royal Stables uses a unified steel post structure with components similar in simplicity to a traditional ranch-rail layout:

→ Posts (Line, End, Corner & Gate Posts)

Royal Stables uses a unified steel post system designed for various fence layouts:

- Line Posts – For straight runs with pre-cut openings on opposite sides
- End Posts – For terminations or transitions with openings on one side only
- Corner Posts – For 90° turns with openings on adjacent sides
- Gate Posts/Blank Posts – Heavy-duty structural posts that must be set in concrete and are engineered to support single or double-drive gates

→ Post Caps

- Fit snugly over the 5" × 5" steel post
- Press-fit or lightly tapped into place

→ Rail Locks

Royal Stables includes a specialized universal Rail Lock designed specifically for steel ranch rail applications.

- Works with all post types — line posts, end posts, and corner posts
- Slides into the post's internal channel and secures each rail in place
- Prevents rails from jarring loose if rubbed or bumped by livestock.
- Adds extra stability without altering the clean look of the rail-through-post design

→ Rail End Bracket

Used when terminating a rail into a wall, building, or flush surface without needing to route a new hole into a post. • Provides a clean, secure rail connection

- Ideal for transitions into masonry, wood posts, or enclosed areas

→ Swivel Bracket

A versatile mounting bracket that allows rails to connect at angles other than 90°.

- Supports variable angles for unique layouts
- Perfect for navigating curves, driveways, irregular property lines, or transitioning around features

- Eliminates the need for custom-cut post openings

Step 1.3: Determining Section Width

Royal Stables is designed to match common vinyl ranch rail spacing.

Standard spacing: 97 1/2" on center (confirm based on rail length)

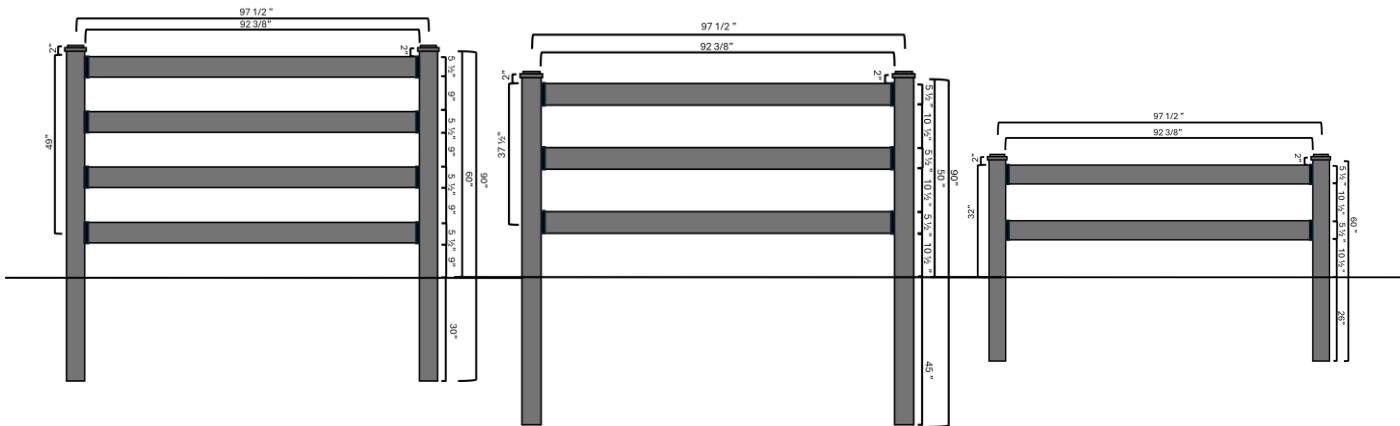
Rails insert directly into post openings

Minimum rail insertion per side: 2–3 inches

Gate openings must match gate width plus hinge/latch tolerances (2")

Panels can be racked up to 10° vertically or horizontally.

(for a more than 6° vertical rack the rails will need to be trimmed to match that angle)



Step 1.4: Determining Post Height

Post height is determined by:

1. The number of rails (2-rail, 3-rail, or 4-rail)
2. Desired above-ground clearance
3. Minimum in-ground depth

Example:

A 60" post requires 26" in-ground, resulting in 32" above-ground.

2-Rail Configuration

Installed Height (top rail): 32"

3-Rail Configuration

Installed Height (top rail): 48"

4-Rail Configuration

Installed Height (top rail): 58"

Total Post Length: 60"

Total Post Length: 90"

Total Post Length: 90"

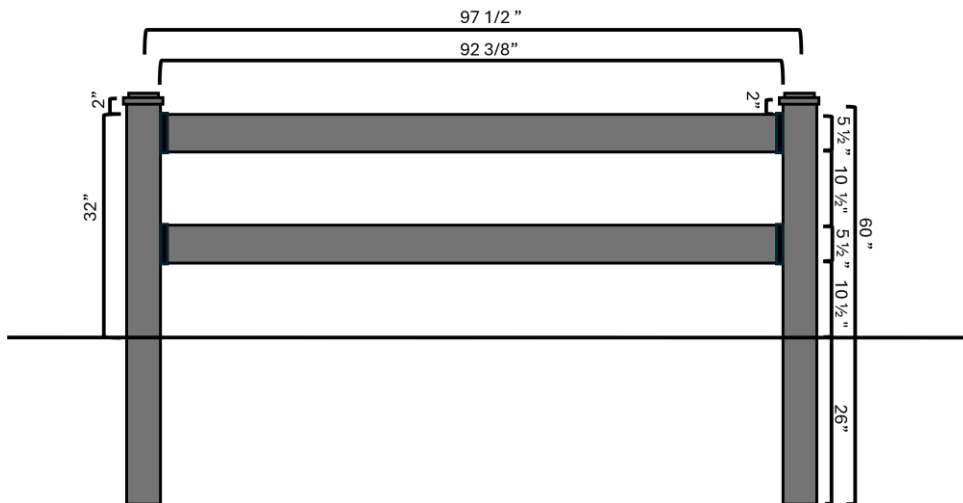
Recommended In-Ground In-Ground Depth: 45" In-Ground Depth: 30" Depth: 26"

Steps 2 & 3: Space Posts and Dig Holes Spacing

- Measure from post center to post center
- Keep spacing consistent along entire fence line
- Mark all hole locations using a tight string line

Digging

- Depth: 26" – 45" or below frost line
- Diameter: 8" – 12"



Step 4: Prepare Posts

1. Cut to height if required
2. Confirm hole orientation for line, corner, and end posts
3. Pre-stage posts along fence line to ensure correct placement

Step 5.1: Position Posts

1. Insert each post into the center of its hole
2. Backfill with concrete
3. Pack/compact to eliminate voids

4. Level posts in both directions
5. Maintain consistent top-of-post height

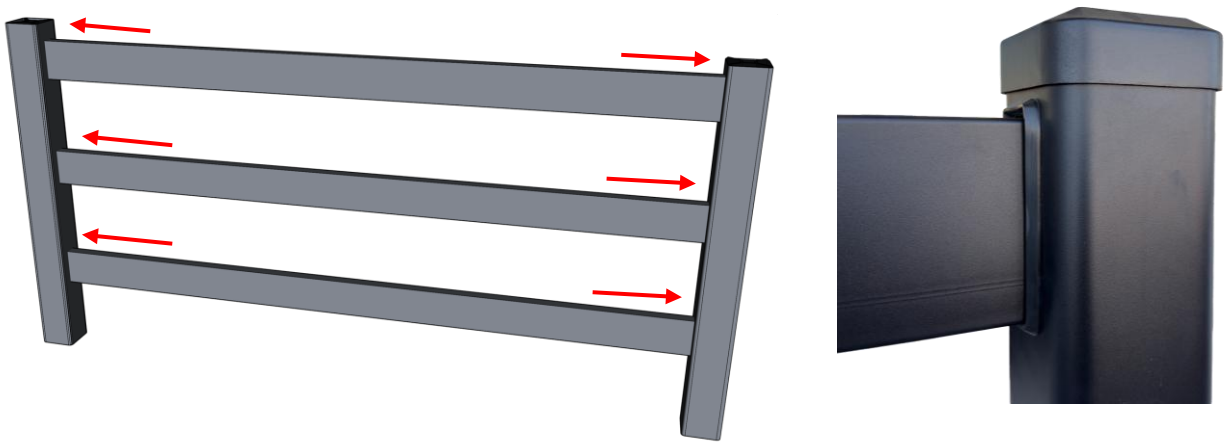
Step 5.2: Verify Post Spacing

Before concrete sets:

- Insert a rail into both posts to ensure proper distance
- Rail should seat evenly into each post opening
- Adjust posts as needed to maintain straight fence line

Tip:

To make test-fitting and final installation easier, lightly mist the end of each rail or grommet with soapy water from a spray bottle. This reduces friction and



Step 6: Install Bottom Rail

helps the rail slide smoothly into the post opening.

1. Insert the bottom rail into one post at an angle
2. Slide into the opposite post
3. Ensure full engagement on both sides
4. Check that the rail sits level

Step 7: Install Remaining Rails

Continue inserting remaining rails, bottom to top

Tap lightly with a rubber mallet if needed

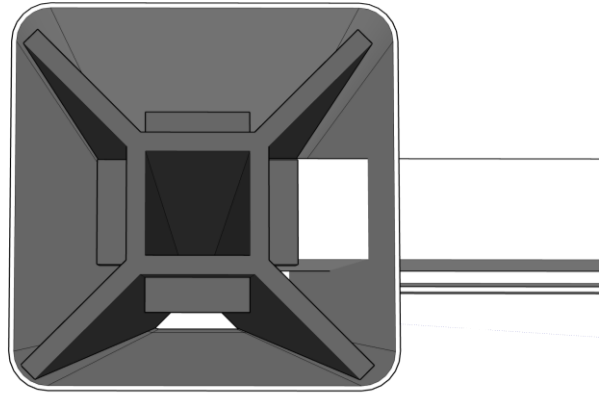
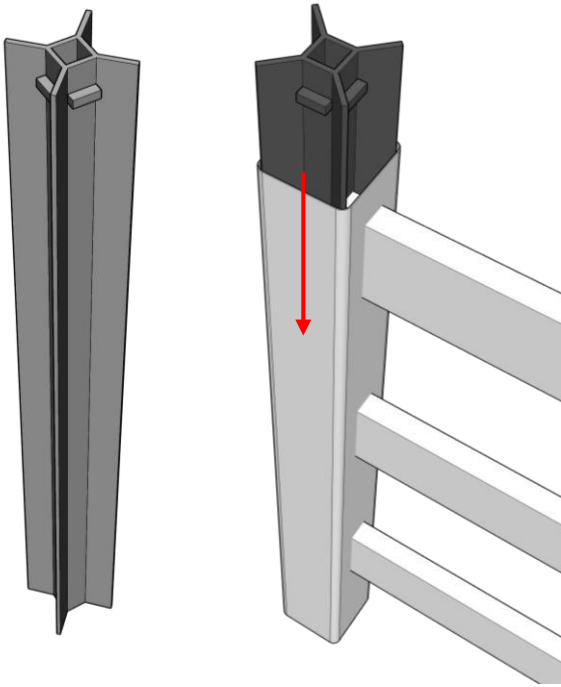
Confirm all rails are fully seated

Ensure equal spacing between rails (factory-set openings)

Step 8: Install Rail Lock

After all rails are inserted into the post, install the Rail Lock to secure the entire rail stack in place:

- **Insert the Rail Lock into the top opening of the post.**
Slide it down inside the post's internal cavity until it makes contact with the topmost rail.
- **Seat the Rail Lock correctly.**
The raised "bump" tabs at the top of the Rail Lock should sit directly on the surface of the upper rail.
This creates downward pressure across the full rail stack, preventing movement.
- **Confirm alignment.**
The rail lock should sit flat and evenly inside the post.
Do not force or wedge the lock—if insertion is tight, lightly mist the lock or the rail ends with soapy water to ease installation.
- **Repeat at every post along the fence line.**
Only one Rail Lock is required per post, regardless of how many rails are installed in that section.



Step 9: Install Post Caps

Once all rails and Rail Locks are installed, finish the system with post caps:

1. Confirm post height and alignment.

Make any final adjustments before capping the posts.

2. Install the cap by pressing or tapping it down over the post.

1. Use a rubber mallet if needed
2. Ensure a snug, even fit
3. Do not strike the cap directly with metal tools

3. Check that the cap sits fully flush.

A proper seal helps protect the post interior and prevents water intrusion.

Royal Stables gates must be installed using steel gate posts set in concrete. Proper installation ensures smooth operation, long service life, and reliable performance under equestrian and livestock pressure.

Install Gates

Confirm Gate Opening Width

Before hanging any gate, verify the spacing between gate posts.

- Standard spacing should be approximately 2" wider than the physical gate width
- This allows room for hinge hardware, latch hardware, and seasonal expansion

Example:

A 70" wide gate should have a post-to-post spacing of approximately 72".
Important: If spacing is too narrow, never force hinges. Adjust posts or trim rails according to the manufacturer's instructions.

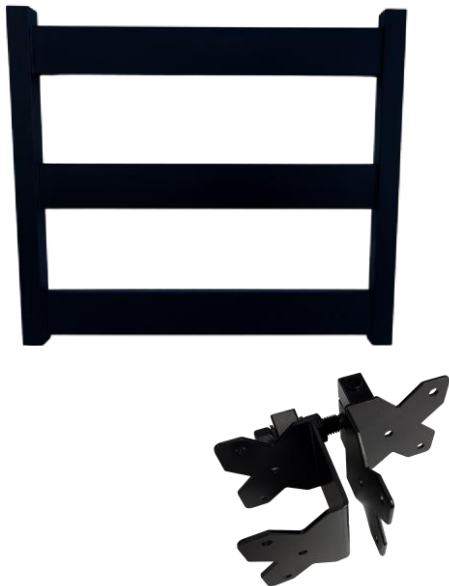
Determine Gate Swing Direction

Choose whether the gate will swing:







Inward (most common on equestrian / pasture installations)



Outward (where interior space is restricted)

Plan the hinge orientation so the gate opens safely and avoids contact with livestock or property features.



Appendix – Royal Stables Parts List

Part	Picture	Details
Steel Post		<ul style="list-style-type: none"> • 60" (2 Rail) or 90" (3 Rail & 4 Rail) • 5"x5" Outer Dim • .845" Wall
Steel Post Cap		<ul style="list-style-type: none"> • 2" Tall • 5"x5" Outer Dim.
Steel Rail		<ul style="list-style-type: none"> • Max 95" Length • 1 1/2" x 5 1/2" Size
Nylon Rail Lock		<ul style="list-style-type: none"> • 50" Tall • 4 1/4" x 4 1/4" Outer Dimensions
Gates		<ul style="list-style-type: none"> • 46", 58", 70", 94", 118", 142" Widths • 2 Rail, 3 Rail, 4 Rail • 25" 40.5" 52" Heights
Royal Stables Hinge		<ul style="list-style-type: none"> • Fits 5"x5" Posts • 2.56" Royal Stables Wrap Hinge

<p>Royal Stables U Bracket</p>		<ul style="list-style-type: none">• Fits 1 ½" x 5 ½" Size• 5 5/8" x 1 ¾" Outer Dimensions
<p>Royal Stables Swivel Bracket</p>		<ul style="list-style-type: none">• Fits 1 ½" x 5 ½" Size• 5 5/8" x 1 ¾" Outer Dimensions• Adjustable 0° – 180°



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