

# Simple Rail

## Surface 518

### Kit Instructions

## Parts

### Qty Part

- 2 62-8 Standard Railing Flanges
- 2 10-840C Single Handrail Socket Caps
- 2 518-7 Handrail Brackets
- 2 84-7 Malleable Plugs
- 2 Posts (Cut @ 3')
- 1 Grab Rail
- 1 99-7 Allen Key
- 1 99-6 Allen Key

## Tools

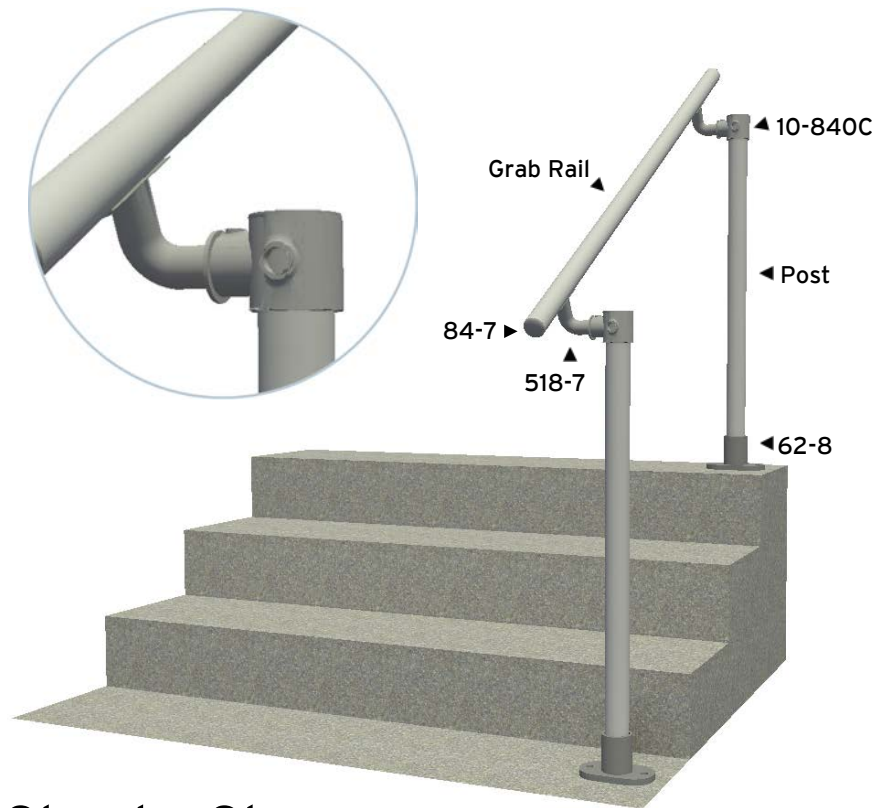
- Allen Key (included)
- Rubber Mallet/Hammer (for plugs)
- Drill/Hammer Drill
- Wrench

## Hardware Included

- 4 x 3" Sleeve Anchors (Concrete/Brick)
- 4 x 3" Lag Screws (Wood)
- 4 x 3/4" Self-Tapping Screws (Grab Rail)

## Installation Tips

1. Confirm that you have all the required parts.
2. When installing plugs, place rag or cardboard over plug and gently hammer into place.
3. If installing into concrete or brick, vacuum out debris from drilled out holes before inserting sleeve anchors.
4. If you plan on painting your rail, do so before assembling.



## Step by Step

1. Insert posts into 62-8's. Tighten set screws loosely.
2. Line up assembled posts to desired location. Test grab rail with posts, then mark holes for the 62-8's.
3. Disassemble the posts and drill the holes for the 62-8's. Secure 62-8's to surface with included hardware.
4. Insert posts into 62-8's and add socket of 10-840C to top of posts. Insert 518's in 10-840C's. Tighten set screws loosely.
5. Line up grab rail at desired location. Mark and drill pilot holes for securing grab rail to 518's.
6. Attach grab rail with self-tapping screws and adjust as needed. Tighten all set screws once complete.
7. Cover 84-7's with a rag or cardboard and gently hammer into place.

## Questions or Installation Problems?

Customer Service | 1.888.527.2278 opt.2



## Packet 1

### Lag Screws:

Used for mounting 62's to wood.

#### Hardware Specifications:

1/2" x 3" long screw.

Qty: 4

Drill pilot hole in desired location using a 5/16" wood drill bit. Ensure that hole is 2 1/2" deep. Fix flange to wood using a 3/4" wrench or drive socket.



## Packet 2

### Sleeve Anchors:

Used for mounting 62's to concrete or brick.

#### Hardware Specifications:

1/2" x 3" long anchor.\*

Qty: 4

*\*Leave Sleeve Anchors Assembled. Do Not Remove Washer or Nut from Bolt*

Drill hole in desired location using a 1/2" concrete drill bit. Ensure that hole is 2 3/4" deep. Be sure to vacuum out all debris from the holes.

Place flange in correct place. Tap anchor through the flange hole and into the drilled out hole.

Tighten Nut until fixed using a 1/2" wrench or socket drive.



## Packet 3

### Self-Drilling Screws:

Used for securing Grab Rail to 518's or 570's.

#### Hardware Specifications:

#10 x 3/4" long metal screw.

Qty: 4

No pilot hole needed. Use 5/16" socket attachment on drill and attach screw to Grab Rail at desired location.

## Questions or Installation Problems?

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**Disclaimer:** Connecting hardware is included as a courtesy to assist you in your installation. It may not be suitable for every base material. If you have any questions, we encourage you to contact us or a professional engineer.



## Packet 4

### Lag Screws:

Used for mounting the M58 Base Plate to wooden wall.

### Hardware Specification:

3/8" x 2 1/2" long screw.

### Qty: 2

Drill pilot hole in desired location using a 3/16" wood drill bit. Ensure that hole is 2 1/4" deep. Fix base plate to wood using 1/2" wrench or socket drive.

### Concrete Screws:

Used for mounting the M58 Base Plate to concrete or brick wall.

### Hardware Specification:

3/8" x 2 1/2" long concrete screw.

### Qty: 2

Drill hole in desired location using a 1/4" concrete drill bit. Ensure that hole is 2 1/2" deep. Fix base plate to concrete using 1/2" wrench or socket drive.



## Packet 5

### Lag Screws:

Used for mounting the 570's to wooden wall.

### Hardware Specification:

1/4" x 2 1/4" long screw.

### Qty: 3

Drill pilot hole in desired location using a 1/8" wood drill bit. Ensure that hole is 2 1/4" deep. Fix bracket to wood using Philips head attachment on drill or Philips head screw at desired location.

### Concrete Screws:

Used for mounting the 570's to concrete or brick wall.

### Hardware Specification:

1/4" x 2 1/4" long concrete screw.

### Qty: 3

Drill hole in desired location using a 3/16" concrete drill bit. Ensure that hole is 2 1/4" deep. Fix bracket to concrete using Philips head attachment on drill at desired location.

## Questions or Installation Problems?

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