

# CHR Handrail

## Installation Instructions

### Tools Needed



#2 Phillips & Square Head Screwdriver or Bit



Electric Drill



1/8" Metal Drill Bit



Tape Measure



Bar Clamps  
(For Rails over 6ft)

### For Custom Lengths



Blue Tape



Chop Saw or Hack Saw

**!** Always check local building codes, property lines and underground utilities before installation.

These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variations in the materials installed may result in an unsuccessful installation.

**!** Additional tools and hardware may be needed when attaching your railing to concrete or brick.

**NOTE:** If connecting one or more rails together see instructions on reverse first.

**1**



If you don't need a custom length jump to **Step 6**.

**2**



Measure the wall to determine your desired length of Rail.

**3**



Mark your desired length on the Rail with Blue Tape.

**4**



Cut your Rail to the desired length with a Chop Saw or Hack Saw.

**5**



Remove any rough edges from your Rail before moving on to step 6.

**6**



Insert Wall Returns into both ends of the Rail.

**7**

Measure to the top of the Wall Return to get desired rail height and mark position on wall.



**NOTE** It is recommended that the handrail is 34in to 38in from the nose of the stair tread and wall mounts are space no more that 6ft apart.

**8**



Insert **(1)** 2" screw into lower mounting hole on each Wall Return.

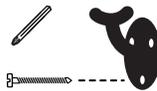
Go to **14** if Under 6ft

**9**



Use the Bar Clamps to position the Wall Mount onto the Rail.

**10**



Insert **(1)** 2" screw into lower mounting hole of the wall mount.

**11**



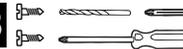
With the 1/8" drill bit, drill a pilot hole in every visible screw slot. (rail side only)

**12**



With your #2 Phillips or Square Head, insert 1" screws into all pilot holes drilled in Step 11.

**13**



Remove Bar Clamps and repeat Step 11 & 12 to all remaining slots on the rail.

**14**



Install remaining 2" screws to fully attach the rail mount to your wall.

## Tools Needed



#2 Square Head  
Screwdriver or Bit



Electric Drill



Tape Measure



Blue Tape



Chop Saw or  
Hack Saw

# Connecting OHR & CHR Hand Rails

(For 8ft Sections or Longer)



www.AluminumHandrailDirect.com

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**NOTE:** For installation instructions see other side.

**1**



If you don't need a custom length jump to **Step 6** on reverse.

**2**



Measure the wall to determine your desired length of rail.

**3**



Mark your desired length on the rail with blue tape.

**4**



Cut your rail to the desired length with a Chop Saw or Hack Saw.

**5**



Remove any rough edges from your rail before moving on to step 6.

**6**

Slide Collar Ring over one rail.

**7**

Insert internal connector into one the rail with the collar.

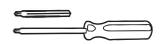
**8**

Press Internal Connector until the screw bumps up against the Collar Ring.

**9**

Insert the other end of the Internal Connector into the second rail.

**10**



Using the #2 Square Screwdriver or Bit remove the screw in the Internal Connector.

**11**

Finish by seating the second rail into the Collar Ring.

