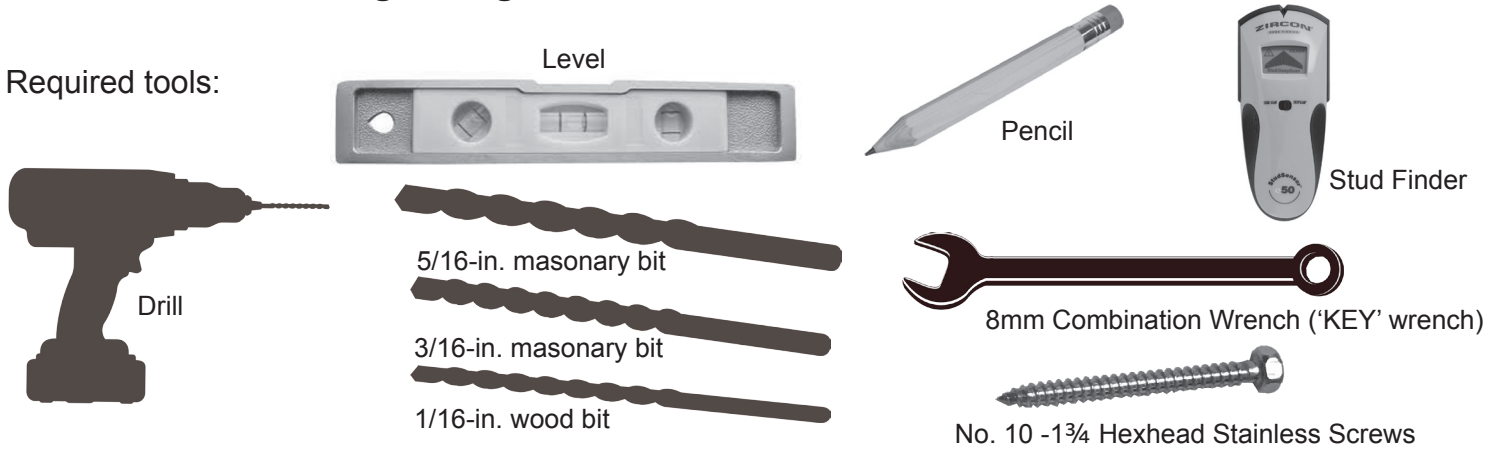


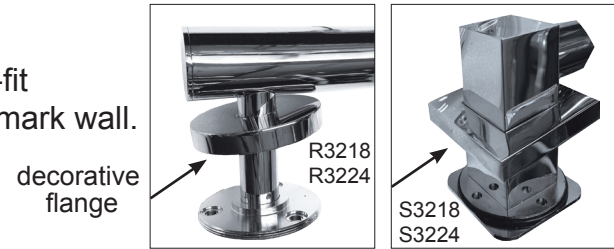
Installing ADA grab bars - S3218, S3224, R3218, R3224

Required tools:



Mark location for installation:

Unscrew the decorative flange covers (R3218/24) or lift the slip-fit decorative flange (S3218/24) and use a pencil or wax pencil to mark wall.

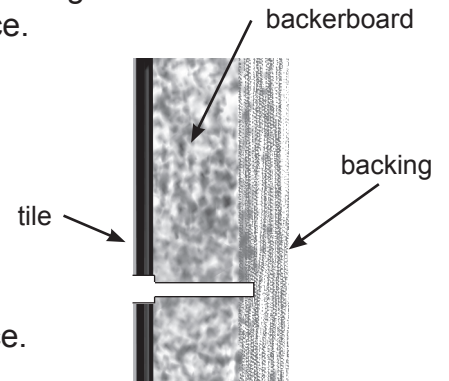


For drywall installation:

1. Use a 1/16-in. wood bit to drill pilot holes into the backing.
2. Position grab bar over pilot holes.
3. Insert No.10 x 1 $\frac{3}{4}$ Hexhead stainless steel screw into pilot hole and hand tighten.
4. Use the #8 Key Combination Wrench to secure Hexhead screw in place.
5. Make sure the screws penetrate the backing.

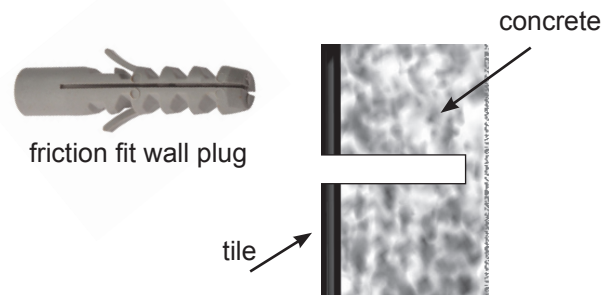
For tile installation:

1. Use a 3/16-in. masonry bit to drill a pilot hole in tile.
2. Use a 1/16-in. wood bit to drill a pilot hole in the backing.
3. Position grab bar over pilot holes.
4. Insert No.10 x 1 $\frac{3}{4}$ Hexhead stainless steel screw into pilot hole and hand tighten.
5. Use the #8 Key Combination Wrench to secure Hexhead screw in place.



For concrete installation:

1. Use a 5/16-in. masonry bit to drill tile and concrete to a minimum of 1 $\frac{3}{4}$ " depth.
2. Hammer the friction fit wall plug into the pilot hole.
3. Position grab bar over pilot holes.
4. Insert No.10 x 1 $\frac{3}{4}$ Hexhead stainless steel screw into pilot hole and hand tighten.
5. Use the #8 Key Combination Wrench to secure Hexhead screw in place.



Note: To reach load maximum capacities, grab bars must be installed to backing.

