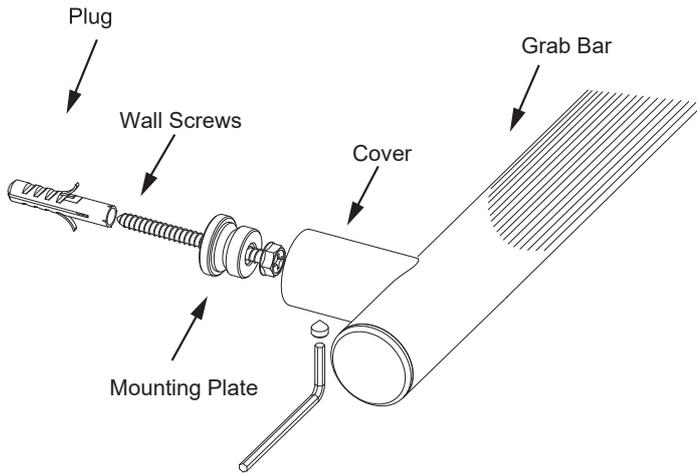


310 SERIES (1.25"/32mm)

GRAB BAR

- 12" 3109212
- 18" 3109218
- 24" 3109224
- 32" 3109232
- 36" 3109236
- 42" 3109242



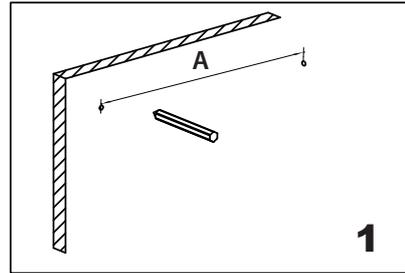
Tools required for installation

Level	Pencil	Wrench
Screwdriver	Drill	Hammer

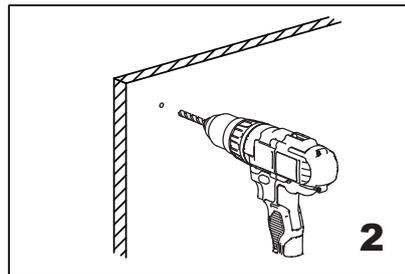
A=Plate TOP holes center to center distance
 B=Plate TOP hole to BOTTOM hole distance
 C=Plate TOP/BOTTOM holes to MID hole distance

Product Code	Sizes (Inches/mm) A
3109212	11 3/4" /300
3109218	17 3/4" /450
3109224	23 5/8" /600
3109236	35 1/2" /900
3109242	42 1/8" /1070

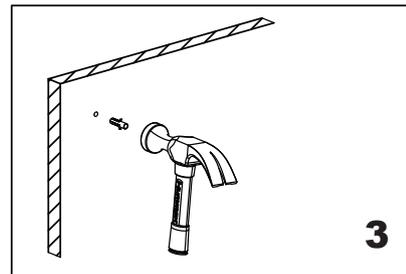
Fig.1



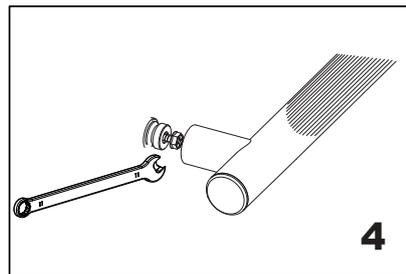
Mark (on the wall) locations of plugs through mounting plate using a pencil, refer to Fig.1



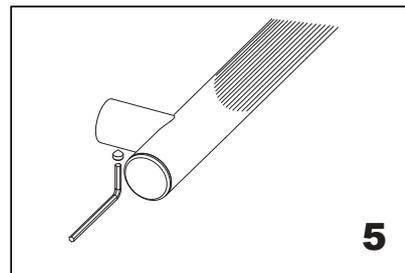
Drill 3/16" holes, make sure to keep drill level



Insert plugs into drilled holes, using a hammer to tap the plugs in, be careful not to break tile



Driver bolt nut directly into holes



Tighten the post on the Mounting plate and fix with Allen Key