



Tubular Specialties Manufacturing, Inc.
 13011 South Spring Street, Los Angeles, CA 90061-1685
 Phone 800/Grab Bar (800/472-2227) or 310/515-4801
 www.GrabBar.com • Fax 310/217-0653

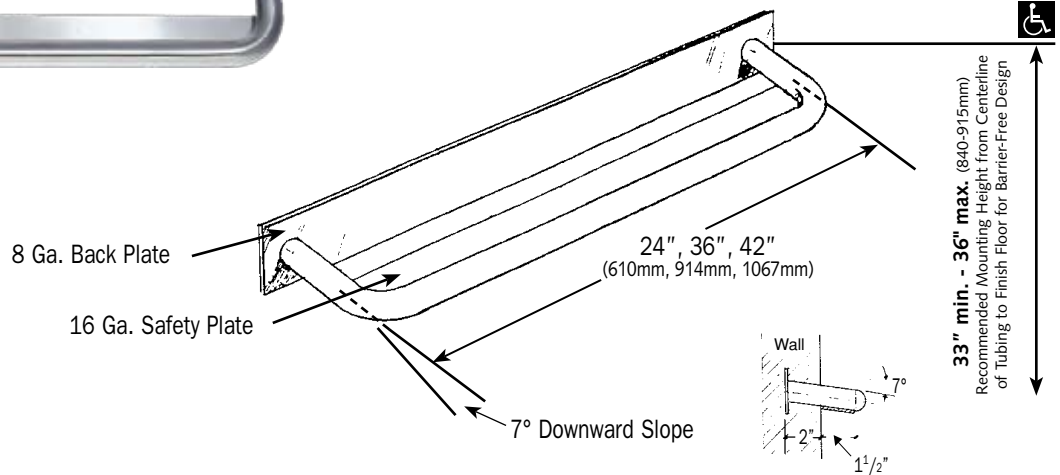
867

Technical Data
 Revised October 2008

In-Wall Security Grab Bar



Model Numbers	
1 1/4" O.D.	
<input type="checkbox"/>	Q-867-24 24" Length
<input type="checkbox"/>	Q-867-36 36" Length
<input type="checkbox"/>	Q-867-42 42" Length
1 1/2" O.D.	
<input type="checkbox"/>	H-867-24 24" Length
<input type="checkbox"/>	H-867-36 36" Length
<input type="checkbox"/>	H-867-42 42" Length



Specification

In-Wall Security Grab Bar shall be stainless steel type 304 (18-8) satin finish, all welded construction and ground smooth. Tubing O.D. shall be [1 1/4" (32mm)] [1 1/2" (38mm)] as chosen by option and indicated by code prefix Q or H. Tubing shall be 16 gauge (1.7mm) with ends turned 90° by mandrel bending and heliarc welded to back plate to form a single structural unit. Tubing is welded at a 7° angled slope. In-wall back plate shall be 8 gauge (4.2mm), welded or bolted to building studs. Safety plate shall be stainless steel 16 gauge (1.7mm) extending from

underside of the grab bar to the wall, welded on three sides. Length shall be [24"] [36"] [42"]. Installation hardware shall be provided by others. In-wall security grab bar shall support a 250 pound (114Kg) load when properly installed.

In-Wall Security Grab Bar shall be Model [Q-867] [H-867] as manufactured by Tubular Specialties Manufacturing, 13011 South Spring Street, Los Angeles, California 90061, tel 800-Grab Bar.



Operation

The tubing is welded at a 7° angled slope so that any material thrown around the bar will tend to slide off.



Installation

- For compliance with ADA Accessibility Guidelines, install unit so that the center line of the grab bar is 33" (840mm) minimum above finished floor (AFF) to 36" (915mm) maximum AFF.
- It is the installer's responsibility to select fasteners that are appropriate for the wall condition and application.
- TSM grab bars are designed to meet and exceed ADAAG requirements as published in ANSI A117.1-1986 and CFR 28 Part 36, Federal Register Vol. 56 No. 144, July 26, 1991, which states that fabricated product(s) shall be of adequate strength to support a load of 250 pounds (113.4kg). Mounting to the wall is a vital part of the system to meet this requirement; to withstand the shear, tension or pullout and torsion loads generated by the maximum loading, the fastener system must be carefully chosen and adequately sized.
- Accessories should be inspected periodically to make sure their attachment to the wall is not loosening.



TSM 867 In-Wall Security Grab Bar is guaranteed against defects in workmanship and material for one year from shipping date.