

Tubular Specialties Manufacturing, Inc.

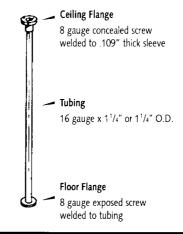
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Technical Data

Revised June 2005

Floor to Ceiling Grab Bar

	Satin Finisl Model #	<u>1</u> O.D.	<u>Standard</u> <u>Lengths</u>
	Q-6011	1 1/4"	96"
	H-6011	1 1/2"	102"
			108"
			114"
Custom lengths are available up to a maximum of 144".			120"
			126"
			132"
			138"
			144"





Design Considerations

- It is recommended that bars or railings for marine, pool or spa applications be specified in a bright polished finish to resist oxidation. Type 316 stainless steel is also available for extra protection.
- Please check with local building inspectors for jurisdiction regarding codes affecting tubing O.D., etc.
- Caution: A grab bar is only a strong as its anchoring devices and the wall on which it is mounted. Grab bars should be inspected periodically to make sure their attachment to the wall is not loosening.



Specification

Floor to Ceiling Grab Bar model # ______ [Q-6011] [H-6011] shall be #4 satin finish stainless steel type 304 (18-8). Length shall be [96"] [102"] [108"] [114"] [120"] [126"] [132"] [138"] [144"]. Tubing shall be $[1^1/4"$ 0.D.] $[1^1/2"$ 0.D.] x 16 gauge heliarc welded to floor flange to form a single structural unit. Floor flange shall be 8 gauge round with three exposed mounting holes. Ceiling flange shall be 8 gauge concealed screw with three mounting holes. Ceiling

flange shall be heliarc welded to .109" thick outside sleeve to facilitate installation. Installation fasteners shall be provided by others.

Floor to Ceiling Grab Bar shall be [Q-6011] [H-6011] as manufactured by Tubular Specialties Manufacturing, 13011 South Spring Street, Los Angeles, California 90061, tel 800-Grab Bar.



Installation

- The effectiveness of grab bars as safety accessories depends entirely on a secure installation. It is the responsibility of the design/build/install team to evaluate specific conditions to determine fasteners appropriate for the floor and ceiling condition and application.
- 2. Bar is surface mounted at floor and ceiling.
- 3. Use flanges as a template to pinpoint mounting hole placement. Mounting holes are 1/4" diameter.
- 3. The ceiling flange is not welded to the tubing in order to ensure that the tubing will fit upright in the room. Install the floor flange first with the ceiling flange on the tubing, then install the ceiling flange. The tubing fits snugly into the sleeve of the ceiling flange.
- 4. Accessories should be inspected periodically to make sure their attachment to the floor or ceiling is not loosening.

