

Floor mounted railings may be used in stairwells, on wheelchair ramps, as safety railing, crowd control railing and as design accent pieces. Fax or e-mail your drawing to TSM for a free estimate.

## MODEL NUMBERS FOR TWO-LINE FLOOR MOUNTED RAILING

	Satin Finish Stainless Steel	Bright Finish Stainless Steel	Satin Finish Brass	Bright Finish Brass	Clear Anodized Aluminum
1½" O.D. Tubing (38mm)	U-150-2	U-150-2/B	U-150-2/SB	U-150-2/BB	-
1.9" O.D. Tubing (48mm)	U-200-2	U-200-2/B	-	-	-
2" O.D. Tubing (51mm)	-	-	U-200-2/SB	U-200-2/BB	-
1¼" Schedule 40 Pipe	-	-	-	-	U-150-2/AH
1½" Schedule 40 Pipe	-	-	-	-	U-200-2/AT

For other than two-line, substitute horizontal lines desired (from one to eight) in lieu of -2 in model numbers above. For example, one-line railing in 1.9" Satin Finish Stainless Steel Tubing would be model #U-200-1.



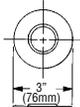
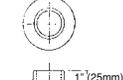
7-Line Rail Model #U-150-7



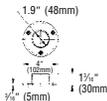
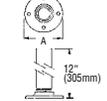
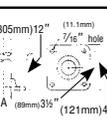
1-Line Rail Model #U-150-1

## Decorative Flanges for Embedded Posts

The recommended method of installing floor-mounted railing is to embed the posts 4"-6" into concrete (102-152mm). The posts may be left as is, or a decorative flange may be added for finishing purposes only to conceal the grout surrounding posts. The decorative flanges include:

Decorative Flange	Installation	How to Specify
<b>R-1D Stainless Steel</b>  	R-1D is a disk with no screw holes. To install, place R-1D on the cement while it is wet. For a dry installation, apply epoxy, silicon adhesive or caulking material to the underside of the R-1D.	Add suffix /R-1D to the model number above. For example, U-150-2 has posts embedded without flanges; U-150-2/R-1D has decorative flanges.
<b>429C Brass</b>  	The 429C is a collared cover plate with no screw holes. Apply epoxy (or see suggestions above) to tubing so the collar will adhere to it.  A = 4" (102mm) for U-150 & 4 15/16" (125mm) for U-200	Add suffix /429C to the model number above. For example, U-200-2/BB has posts embedded without flanges; U-200-2/BB/429C has decorative flanges.
<b>660 Aluminum</b>  	660 is a collared floor flange. Installs the same as R-1D and/or 429C.  A = 3 13/16" (97mm) for U-150 & 4" (102mm) for U-200	Add /660 to the model number above. For example, U-150-2/AH has posts embedded without flanges; U-150-2/AH/660 has decorative flanges.

## Surface Mounted Flanges for Wooden Decks

Surface Mounted Floor Flange	Installation	How to Specify
<b>SF-4W Stainless Steel, Round</b>  	SF-4W is a heavy-duty exposed screw flange welded to the tubing underneath the collar. While lag bolts are generally used with a wood deck, it is the installer's responsibility to select appropriate fasteners for a particular application.	Add /SF-4W to the model number above. For example, U-200-2 has posts embedded without flanges; U-200-2/SF-4W has surface mounted floor flanges.
<b>SF-6 Stainless Steel, Square</b>  	SF-6 is a heavy-duty exposed screw flange surface welded to the tubing. See SF-4W.	Add /SF-6 to the model number above. For example, U-200-2 has posts embedded without flanges; U-200-2/SF-6 has surface mounted floor flanges.
<b>429C Brass Cover Plate with 429IF Iron Flange</b>  	See 429C above. 429IF is a heavy-duty flange with a reinforcing post insert that provides extra stability inside brass tubing. The 429C slips over the iron flange. Apply epoxy, silicon adhesive or caulking material to tubing so the collar on the 429C will adhere to it.  A = 3 3/4" (95mm) for U-150 & 4 1/2" (114mm) for U-200	Add /429CIF to the model number above. For example, U-150-2/BB has posts embedded without flanges; U-150-2/BB/429CIF has surface mounted floor flanges.
<b>662 Aluminum Heavy Duty Floor Flange</b>  	662 is a heavy-duty exposed screw flange with a reinforcing post insert that provides extra stability inside aluminum pipe. See SF-4W.  A=1.4" (35mm) for U-150 & 1.6" (40mm) for U-200	Add /662 to the model number above. For example, U-150-2/AH has posts embedded without flanges; U-150-2/AH/662 has surface mounted floor flanges.

### TUBING OR PIPE, CUSTOM CUT TO FIT WALL, POSTS EVENLY SPACED AT MAXIMUM 5' INTERVALS (1524mm):

- Stainless steel tubing is type 304 (18-8), satin or bright finish in 1½" O.D. with 2" radius (38 & 51mm) and 1.9" O.D. with 4" radius (48 & 102mm).
- Brass tubing is alloy CDA 260, satin or bright finish in 1½" and 2" O.D. (38&51mm).
- Aluminum pipe is alloy 6063 with clear anodized finish in 1¼" and 1½" Schedule 40.

### CONNECTIONS:

- Up to 10' long (3048mm) floor mounted railings are shipped in one piece; longer lengths are shipped in sections, to be joined at jobsite. Assembly of sections at jobsite is with internal dowels and adhesive, splice locks with set screw, or welding.