Brass Component Railing System (Series 400)

TSM **ClassicBrass** components can be combined to create upright, wall-hung, stair and ramp railings. The flexibility of the **ClassicBrass** system gives a custom look to any application. Components are simple to work with in the field, making even stairway and ramp configurations easy to install, and brass tubing is easy to cut.
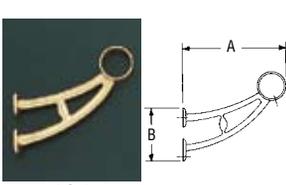
An extensive offering of components that can be combined in infinite patterns is only the beginning. Beyond the full line "parts and pieces" inventory lies a complete range of custom capabilities. TSM can accommodate not only unusual bends and radii but is ready to tackle such challenges as creative welding of oversize tubing, for example. Send us your drawing for a free estimate.

BRASS COMPONENTS AND TUBING: Brass (copper alloy - approximately 60% copper and 40% zinc). Formed construction components fit 1½" and 2" O.D. tubing (38&51mm). Chrome plating is available but is not recommended for components intended for use as footrails.

STAINLESS STEEL TUBING - Type 304 (18-8) 18 gauge (1.2mm). Available in 1½" and 2" O.D. (38 & 51mm) in a smooth bright finish and in 1½" in non-slip Ripple Grip™ bright finish.
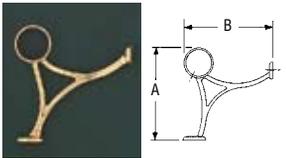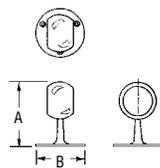
Ak-Sar-Ben

Omaha, Nebraska • Architect: Leo A. Daly • 2" O.D. Bright Finish Brass Service Bar Rail and Custom Bent Armrail and Footrail
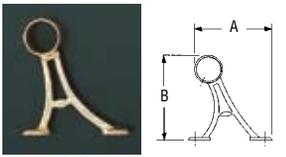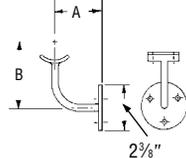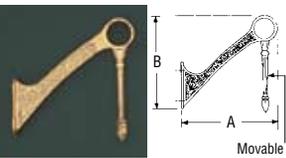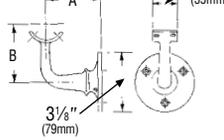*Models #BT-458, #BT-405, #BT-415, #BT-429 and #BT-494*

401

402

403

Movable Leg
404

405

420G

424

424A

425

425G

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431

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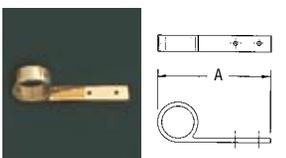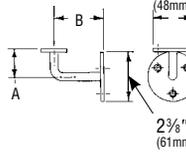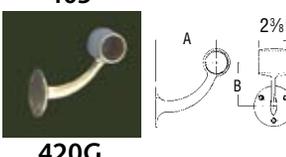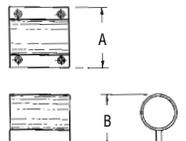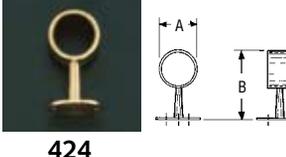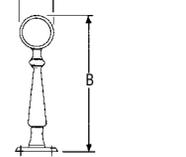
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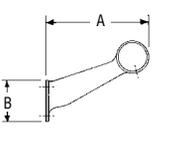
BRASS BRACKETS

Description	1½" O.D.	A	B	2" O.D.	A	B	
401 Bar Wall Bracket Footrail bracket fastens to wall. Top flange has 5/16"-18 threaded mounting hole that requires either access from back or a 3/16" pilot hole about 1" deep to be used with a hanger bolt (supplied by others). Tubing fits inside circular sleeve.	BH-401	7¼" (184mm)	4" (102mm)	BT-401	8⅜" (213mm)	4¼" (108mm)	TECH DATA
402 Bar Wall/Floor Bracket Fastens to wall with two surface mounted screw holes; the other leg rests on the floor but is not screwed into it. Tubing fits inside circular sleeve.	BH-402	6⅜" (162mm)	7⅜" (187mm)	BT-402	7" (178mm)	7⅛" (181mm)	TECH DATA
403 Bar Floor Bracket Fastens to floor with two surface mounted screw holes. Tubing fits inside circular sleeve.	BH-403	5¼" (133mm)	6⅞" (175mm)	BT-403	6¼" (159mm)	7" (178mm)	TECH DATA
404 Bar Wall Bracket with Movable Leg Filigreed footrail bracket fastens to wall with four screw holes. Movable leg swings up to facilitate cleaning. Tubing fits inside circular sleeve.	BH-404	9½" (241mm)	8⅝" (219mm)	BT-404	10" (254mm)	9" (229mm)	TECH DATA
405 Arm Rail Bracket Tubing fits inside circular sleeve bracket that fastens to underside of bar with two screw holes.	BH- 405	6⅝" (168mm)		BT-405	6⅞" (175mm)		TECH DATA
420G Wall Bracket, Rounded Fastens to wall with two surface mounted screw holes. Tubing fits inside circular sleeve.	N/A			BT-420G	5½" (140mm)	5½" (140 mm)	
424 Center Post Has two surface mounted screw holes. Tubing fits inside circular sleeve.	BH- 424	1¾" (45mm)	3¼" (83mm)	BT-424	2¼" (57mm)	4⅜" (111mm)	TECH DATA
424A Rounded Center Post Same as 424.	BH- 424A	3⅝" (92mm)	2¹⁵⁄₁₆" (75mm)	BT-424A	4⅜" (111mm)	3³⁄₁₆" (76mm)	
425 Wall Saddle Bracket Fastens to wall with three surface mounted screw holes. Tubing attaches to bracket with set screws provided by TSM.	BH- 425	2⅝" (67mm)	3" (76mm)	BT-425	2⅝" (67mm)	3⅝" (92mm)	TECH DATA
425G Wall Saddle Bracket, Large Same as 425.	N/A			BT-425G	3⅜" (86mm)	3½" (89mm)	TECH DATA
426 Wall Flat Bracket Same as 425.	N/A			BT-426	1⅜" (35mm)	2½" (64mm)	TECH DATA
431 Side Mount Bracket Same as 424 with four screws holes.	N/A			BT-431	3¼" (83mm)	3¾" (95mm)	TECH DATA
436 Bar Straight Floor Bracket Same as 424.	BH-436	1¾" (45mm)	6¾" (172mm)	BT-436	2¼" (57mm)	9¾" (248mm)	TECH DATA
443 Square Wall Bracket Same as 420G with four screw holes.	N/A			BT-443	7⅝" (194mm)	3" (76mm)	TECH DATA