

TSM

TUBULAR SPECIALTIES MFG., INC.

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 DESIGNER SERVICE: 7:00 A.M. TO 5:00 P.M. PACIFIC TIME • TELEX II: 910-346-6362 • FAX: 213/217-0653

405



BRASS ARM RAIL BRACKET



DESIGN CONSIDERATIONS

- TSM brass components (angles, brackets and tubing lengths) can be combined to create upright, wall-hung, stair, and ramp railings which are decorative as well as utilitarian.
- The flexibility of the TSM brass component system gives a custom look to any application.
- TSM recommends that brass handrail work be specified in a separate subsection of Division 5, "Metals," to ensure competent and competitive bids from experienced railing suppliers.



FINISH (select one)

- Uncoated Bright Brass (standard)
- Other (additional charge; see Finish Schedule, Reference Section A, for options)



SUGGESTED ARCHITECTURAL SPECIFICATION

TSM model (BH-405 or BT-405) Brass Arm Rail Bracket from Tubular Specialties Manufacturing, Inc., Los Angeles, California, (213) 515-4801. Construction: sand cast of brass and machined to controlled dimensions to fit _____ (1-1/2" [38mm] or 2" [51mm]) O.D. tubing. Finish: _____ (select from Finish Schedule). Installation Hardware: 1-1/2" (38mm) x #10 (5mm) Phillips oval head brass wood screws and 1/4" (6mm) x 8/32 (6mm) pan head brass set screws.



MATERIALS/WORKMANSHIP

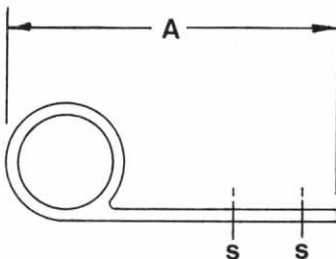
Sand cast brass (copper alloy—approximately 60% copper and 40% zinc) machined to controlled dimensions.



INSTALLATION

Drill pilot holes through wall or bar, then mount bracket using screws provided by TSM at locations marked by an "S". (See Installation, Reference Section C, for various applications).

TSM recommends the Drill and Tap Set, TSM model BDT, which contains a #29 bit and 8/32 tap. Drill through bracket and tubing with bit, thread tubing with tap, and fasten the bracket to the tubing with set screw provided by TSM. If railing will be subjected to heavy use, TSM recommends using Brass Adhesive, TSM model B-Lok, in conjunction with the set screws for extra strength.



	A
BH-405	6 3/4"
1-1/2" (38mm)	171mm
BT-405	7"
2" (51mm)	178mm