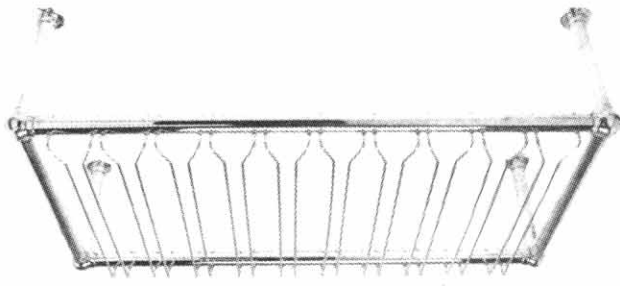


# TSM

**TUBULAR SPECIALTIES MFG., INC.**

13011 S. SPRING ST., LOS ANGELES, CA 90061-1685 • 213/515-4801 TOLL FREE 800/421-2961 CA ONLY 800/521-7548  
 DESIGNER SERVICE: 7:00 A.M. TO 5:00 P.M. PACIFIC TIME • TELEX II: 910-346-6362 • FAX: 213/217-0653

# 447



## BRASS STEMWARE RACK



### DESIGN CONSIDERATIONS

- In addition to the standard design of model BH-447, TSM can fabricate brass wine racks to custom configurations, including radii of 12" (305mm) or larger. Applications include restaurant and hotel bars and residential.
- The natural beauty of the bright brass finish is maintained by regular, frequent cleaning and polishing. Clear coating is also available as an option to prevent oxidation of the finish. However, the clear coating will lose its effectiveness if it becomes scratched. For further information, see Care of Metal Finishes, Reference Section B.
- It is important to evaluate wall or ceiling conditions, for the rack is only as strong as its anchoring devices and the surface on which it is mounted.



### FINISH (select one)

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



### SUGGESTED ARCHITECTURAL SPECIFICATION

TSM model BH-447 Brass Stemware Rack from Tubular Specialties Manufacturing, Inc., Los Angeles, California, (213) 515-4801. Fittings: sand cast of brass and machined to controlled dimensions. Elbows: welded to tubing to form a rectangular frame. Legs: 12" (305mm) long, unattached for field adjustment. Tubing: Brass, 1-1/2" O.D. (38mm). Rod: Brass, 1/4" O.D. (6mm), formed into 10 compartments. Application: \_\_\_\_\_ (ceiling or bar) mount. 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 machine screws.



### MATERIALS/WORKMANSHIP

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

**Elbows**—Sand cast brass (see Flanges) machined to controlled dimensions, then welded to tubing to form a rectangular frame.

**Tubing**—Brass (see Flanges), 1-1/2" O.D. (38mm).

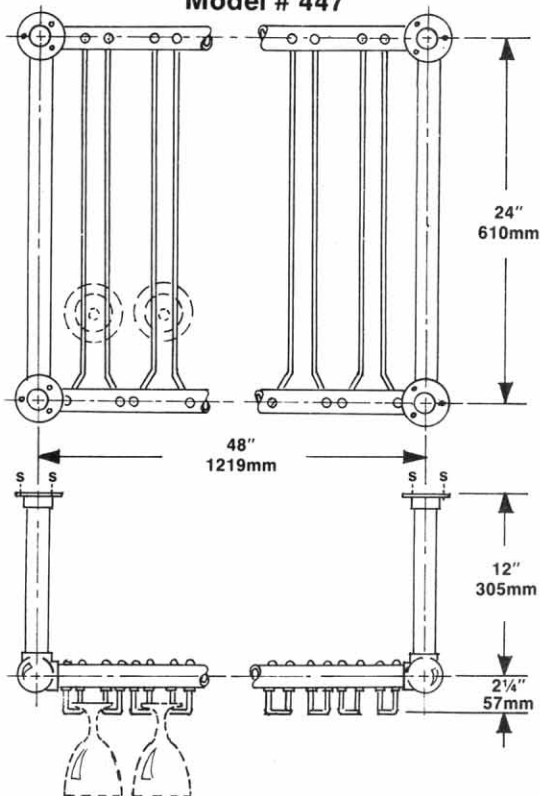
**Rod**—Brass (see Flanges), 1/4" O.D. (6mm). Ten stem compartments.



## GUARANTEED PRODUCT

SEE PAGE 3 FOR COMPLETE DETAILS

**Model # 447**





## INSTALLATION

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Drill pilot holes through ceiling, then mount flanges 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.

Brass Adhesive, TSM model B-Lok, can also be used in conjunction with the set screws for extra strength.



## DISTRIBUTION

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TSM maintains a worldwide network of distributors. Call your sales representative listed in Reference Section O for the names of those nearest you.