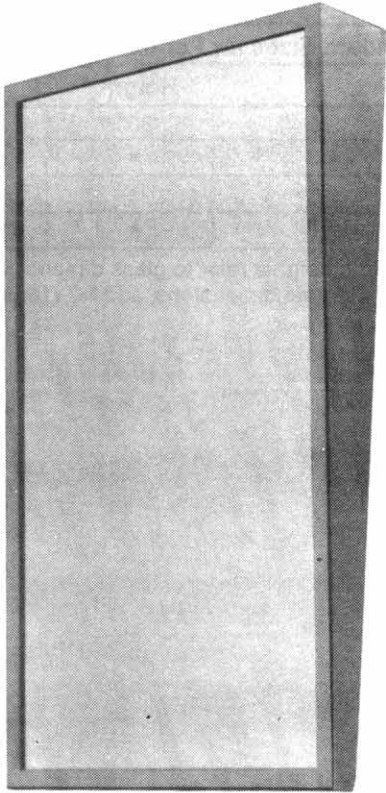


# TSM

**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

# M-4



## PERMA-TILT MIRROR



### DESIGN CONSIDERATIONS

- The fixed tilt position of the M-4 is designed to meet the needs of the wheelchair-bound.
- TSM's snap-on mirror mounting system offers quick and easy installation.
- The snap-on system resists vandalism because the fasteners are hidden and not easily accessible; however, the frame can be removed to replace broken glass (see Installation).



### FINISH (select one)

Frame Only:

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



### SUGGESTED ARCHITECTURAL SPECIFICATION

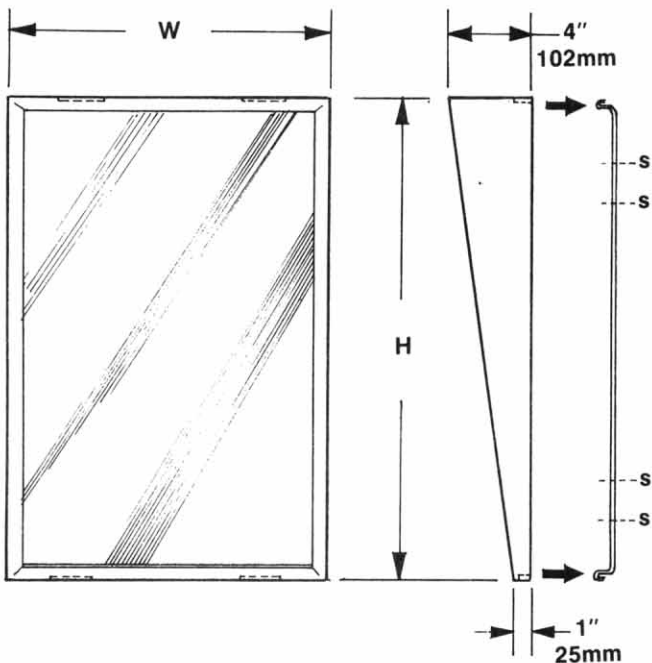
TSM model M-4 Perma-Tilt Mirror from Tubular Specialties Manufacturing, Inc., Los Angeles, California, (213) 515-4801. Frame: stainless steel Type 304 (18-8) 18 gauge (1.2mm), four sides welded to form a single structural unit with locking tabs welded to inside of frame. Frame snaps directly onto back plate with no visible fasteners. Frame depth tapers from 4" (102mm) at the top to 1" (25mm) at the bottom. Back Plate: galvanized steel 20 gauge (0.9mm) with holes drilled in support areas. Finish: \_\_\_\_\_ (select from Finish Schedule). Mirror: 1/4" (6mm) plate glass with electrolytic copper back, guaranteed 15 years against silver spoilage. Mirror Dimensions: \_\_\_\_\_ (fill in size) wide x \_\_\_\_\_ (fill in size) high.



### MATERIALS/WORKMANSHIP

**Frame**—Stainless steel Type 304 (18-8) 18 gauge (1.2mm). Four sides are cut to size, bent 90° and joined by heliarc welding to form a single structural unit. Locking tabs are spot welded to the inside of frame prior to polishing.

**Back Plate**—Galvanized steel 20 gauge (0.9mm). Corrosion resistant. Holes drilled in support areas. Flapper plate is spot welded to back plate to firmly hold mirror at correct angle.



## GUARANTEED PRODUCT

SEE PAGE 3 FOR COMPLETE DETAILS

**Mirror**—1/4" (6mm) plate glass with electrolytic copper back. Guaranteed 15 years against silver spoilage. Standard sizes are listed in chart below; maximum size available is 140" (3556mm) x 72" (1829mm).

**Mirror Backing**—Resilient ethafoam strips provide cushioning while leaving ample room for ventilation.



## INSTALLATION

Surface mount back plate to wall at locations marked by an "S" (see Installation, Reference Section C, for various applications). Recommended mounting height is 42" (1067mm) from bottom of mirror to finish floor. After back plate is secured to wall, mirror and frame are snapped into frame. To remove an installed mirror, insert Mirror Frame Removal Tool (available from TSM, model M-30) or a flat piece of metal such as a wide-blade screwdriver at 2" (51mm) in from each of the top corners to unsnap the snap-lock frame.



## DISTRIBUTION

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

**Standard Sizes for Perma-Tilt Mirror**

		Height		
		24"	30"	36"
Width	16"		*	
	18"	*	*	
	24"		*	*

**NOTE:** Widths and heights refer to glass dimensions; to determine overall frame dimensions, add 5/8" (16mm) to mirror width or height.