

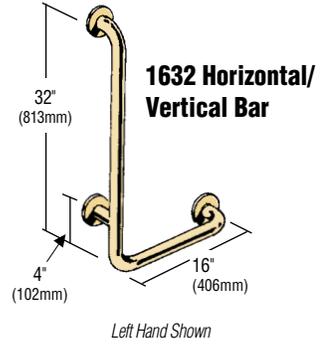


Real brass grab bars in alloy CDA 274 can add an elegant touch to any bathroom. The bars are available in 1 1/4" (Q Series) and 1 1/2" (H Series) O.D. (32 & 38mm) with CS-1 snap-lock flanges. The finish is bright, also known as polished. Fastener kits are ordered separately (see page 23).

Standard Brass Models

Other sizes available upon request.

Brass that is polished to a mirror bright finish is frequently specified, and TSM keeps bright brass grab bars in stock to accommodate this demand. As an alternative to bright, consider the advantage of satin brass. The lightly brushed finish stays beautiful longer because it minimizes fingerprints and small scratches (add suffix /SB to model number).

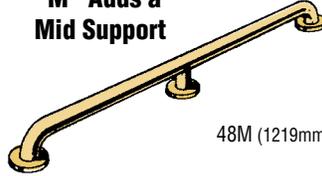


Basic Straight Bar

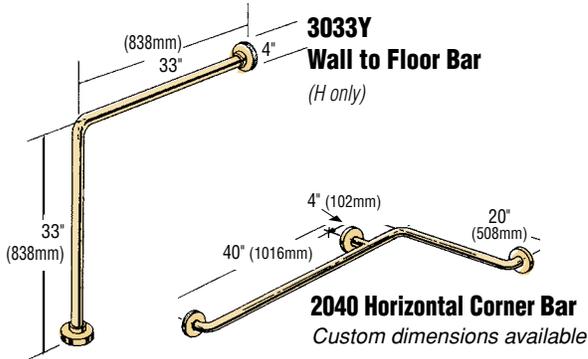


12" (305mm) 30" (762mm)
 16" (406mm) 32" (813mm)
 18" (457mm) 36" (914mm)
 24" (610mm) 42" (1067mm)

"M" Adds a Mid Support



48M (1219mm)



3033Y
Wall to Floor Bar
 (H only)

2040 Horizontal Corner Bar
 Custom dimensions available

Bright Brass Grab Bar Finish Series

Series	Description
Q/CS-1/BB	Uncoated
Q/CS-1/BB/CL	Clear Coated
Q/CS-1/BB/P	Uncoated with Peened Non-Slip Grip
Q/CS-1/BB/CL/ASLP	Clear Coated with Anti-Slip Coating
H/CS-1/BB	Uncoated
H/CS-1/BB/CL	Clear Coated
H/CS-1/BB/P	Uncoated with Peened Non-Slip Grip
H/CS-1/BB/CL/ASLP	Clear Coated with Anti-Slip Coating

Add model numbers shown above after Q or H.
 For example, Q-12/CS-1/BB or H-1632/CS-1/BB/CL, Left Hand

Real Brass vs. Plated Brass

TSM offers real brass bars at less cost than plated brass over stainless steel. They look the same but have some differences - for example, real brass is a softer metal than stainless steel. Here's a guide:

	Real Brass Uncoated (suffix BB)	Real Brass, Clear Coated (suffix BB/CL)	Plated Brass (suffix PLBB)
Available with non-slip grip	X (Peened)	X (Anti-Slip)	X (Knurled, Ripple Grip™ or Anti-Slip)
Scratches can be polished out	X		
Many models in stock		X	
Requires polishing	X		
Available in any size tubing and flange style			X
Available in Q or H with CS-1 flange	X	X	Available in any size or flange
Strength of stainless steel			X
Non-tarnishing base metal			X
Protective coat to prevent tarnish		X	X

Installation

The selection of appropriate fasteners for a particular application is the installer's responsibility. It is important to evaluate installation conditions because an accessory is only as strong as its anchoring devices and the wall on which it is mounted. TSM offers optional stainless steel screws and mounting kits for grab bars (see page 23).

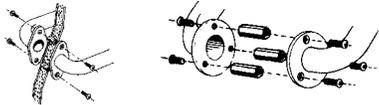
The effectiveness of grab bars, shower seats, and tub seats as safety accessories depends entirely on a secure installation.

All TSM grab bars and seats exceed U.S. established guidelines for strength. However, it is the responsibility of the design/build/install team to evaluate the specific wall conditions to determine the appropriate fasteners.

Please note all grab bars, shower seats and tub seats require backing. All grab bars and seats must be checked frequently to ensure that the installation is secure and the product is in good working condition.

BB-3 Back-to-Back Mounting Plate

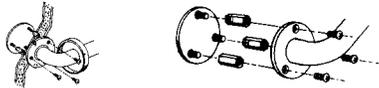
Mounts two bars back-to-back on partitions from $\frac{3}{4}$ " to $1\frac{1}{2}$ ". Order one for two flanges.



Shown with D-3

BP-2 TECH DATA Partition Back Plate

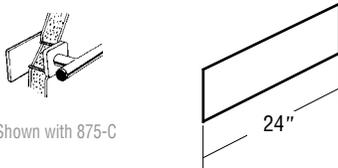
Accommodates panel thicknesses from $\frac{3}{4}$ " to $1\frac{1}{2}$ ". Order one per flange.



Shown with CS-1

BP-10A Anchor Plate without Hole Pattern

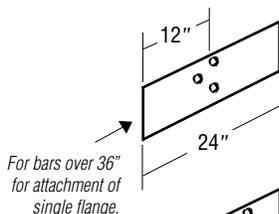
Weld plate to building studs or fasten with bolts and nuts. Drill and tap holes in plate through finish wall. Fasten product to metal plate with machine screws provided.



Shown with 875-C

BP-10B Anchor Plate with Hole Pattern

Specify flange model so the threaded sleeves match mounting holes. Attach product to BP-10B and fasten plate to building studs, allowing for recommended mounting heights. Remove product. Insert marker screws (not provided by TSM) through wood spacers into plate. Press drywall in place against the marker screws and drill through indentations. When drywall is installed, marker screws will project through wall. Remove and discard them, then fasten product to BP-10B with machine screws provided.



For bars over 36" for attachment of single flange.



Shown with 711

OH2, PH2 Screw Mounting Kits

2" #10 Stainless Steel Sheet Metal Screws. Three screws per kit; order one kit per flange.

PH2 - Pan Head for 14 gauge flanges:
R-1, CS-1, CS-15, FS-1, D-1

OH2 - Oval Head for 8 gauge flanges:
R-3, CS-3, CS-35, D-3



OHMSOW One-Way Machine Screw Kits

Oval head for use with in-wall backplates. Tamper-resistant. Three screws per kit; order one kit per flange.

OHMSOW2 - 2" x #10

OHMSOW1/2 - $\frac{1}{2}$ " x #10

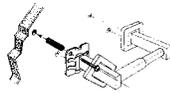


OH2-EX2, PH2-EX2 Screw & Expandet Anchor Kits

2" Sheet Metal Screws with plastic expandet anchor. Each kit has three screws and three expandet anchors. Order one kit per flange.

PH2-EX2 - Pan Head for 14 gauge flanges:
R-1, CS-1, CS-15, FS-1, D-1

OH2-EX2 - Oval Head for 8 gauge flanges:
R-3, CS-3, CS-35, D-3



Shown with 801



OHOW One-Way Sheet Metal Screw Kits

Oval head for use with 8 gauge flanges. Tamper-resistant. Three screws per kit; order one kit per flange.

OHOW2 - 2" x #10

OHOW3/4 - $\frac{3}{4}$ " x #10



SP-4 Sub Plate

In addition to their use with through bolts, SP-4's can be used to install center supports with triangular hole formations when access is tight and to bolt to a stud so that all three screw holes are engaged. Order one per flange.

SP-4X - For exposed screw flanges:
R-1, R-3, D-1, D-3

SP-4C - For concealed screw flanges:
CS-1, CS-15, CS-3, CS-35, FS-1



OH3-TOG, PH3-TOG Toggle Bolt Kits

$\frac{3}{16}$ " dia. x 3" length stainless steel toggle bolt (wings not stainless). Each kit has three bolts and three wings. Order one kit per flange.

PH3-TOG - Pan Head for 14 gauge flanges:
R-1, CS-1, CS-15, FS-1, D-1

OH3-TOG - Oval Head for 8 gauge flange
R-3, CS-3, CS-35, D-3



Shown with 5230

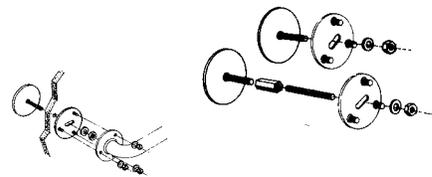


TB-6, TB-8 Through Bolt

Rod inserts through partition and into an SP-4 sub-plate (order separately). Requires only one hole drilled through a partition. Order one per flange.

TB-6 - $1\frac{1}{2}$ " Rod

TB-8 - 8" Rod



TB-6 with SP-4C