

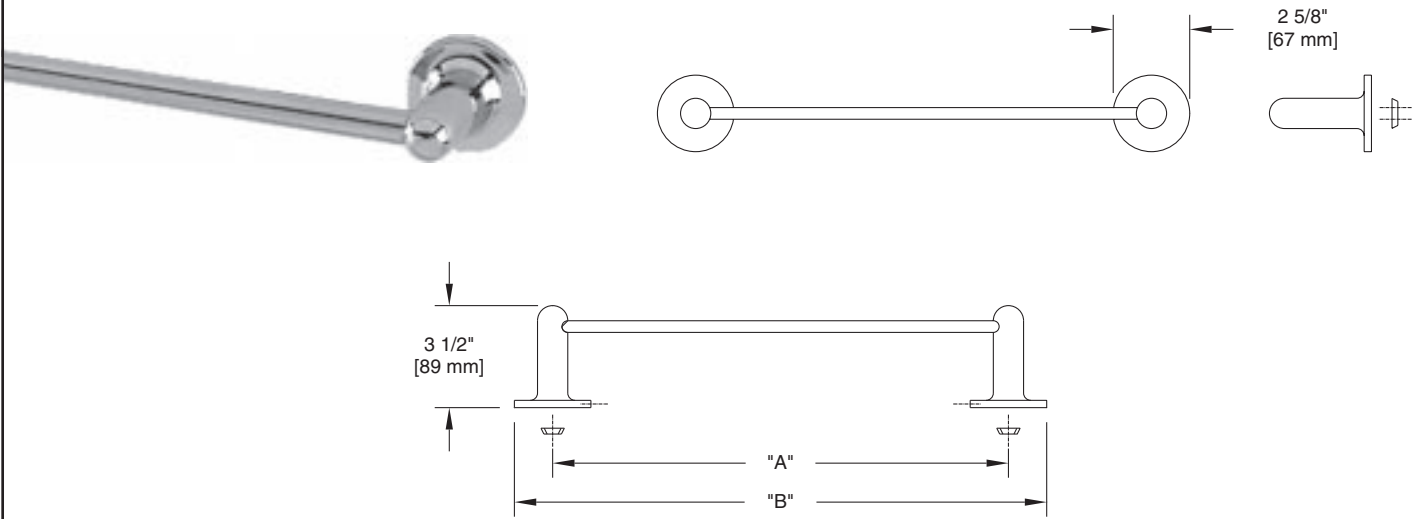
TECHNICAL DATA

LIBERTY HARDWARE®
MANUFACTURING CORPORATION

A Masco Company

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ASTRA®
Towel Bar



LENGTH	18" (457 mm)	24" (610 mm)	30" (762 mm)
DIM "A"	18 1/4" (464 mm)	24 1/4" (616 mm)	30 1/4" (768 mm)
DIM "B"	20 7/8" (530 mm)	26 7/8" (683 mm)	32 7/8" (835 mm)

MATERIALS

Towel bar posts are die cast from quality virgin zinc alloy (Zamak) to meet ASTM standard B-86. Wall plates are 19 gauge zinc plated steel. Bar is 3/4" diameter.

INSTALLATION:

Mount wall plates at 18 1/4" C-C for 18" bar and 24 1/4" C-C for 24" bar on wall surface in vertical position with 4- #8 x 1 1/4" roundhead zinc plated steel screws provided. Slip posts and bar over wall plates and tighten set screws until secure.

Wood blocking is preferable behind all wall surfaces. If wood blocking is not available, the following optional fasteners are suggested:

Tile/Masonry - Plastic or lead anchors
Plaster/Drywall - Toggle bolts

SPECIFICATION:

Surface mounted towel bar set shall be model _____ (fill in model number) by Liberty Hardware Manufacturing Corporation.