

TUBULAR HANDLE

- 1 Determine the overall length of the handle. Use the chart and illustration to determine the appropriate hole locations. Mark and drill four 1/4" holes. Using a smaller bit to drill pilot holes will help ensure a proper fit.
- 2 Counter bore holes so the bolt heads and washers are completely recessed. Select the appropriate length bolts so 1 3/8" to 1 3/4" of thread is exposed. Additional bolts have been included to account for different panel thicknesses. Refer to the panel preparation illustration.
- 3 Insert bolts with washers through the pre-drilled holes in the panel then into the handle standoffs. Tighten bolts to secure the handle to the panel.

PRO HANDLE — 20" (508)

- 1 Use the chart and illustration to determine the appropriate hole locations. Mark and drill two 1/4" holes. Using a smaller bit to drill pilot holes will help ensure a proper fit.
- 2 Counter bore holes so the bolt heads and washers are completely recessed. Select the appropriate length bolts so 1/2" of thread is exposed. Additional bolts have been included to account for different panel thicknesses. Refer to the panel preparation illustration.
- 3 Insert bolts with washers through the pre-drilled holes in the panel then into the mounting stud. Tighten bolts to secure the handle to the stud.
- 4 Place handle on mounting studs and secure bottom set screws with a 3/32" Allen wrench.

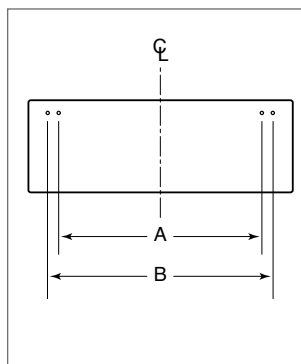
PRO HANDLE — 26 7/8" (683) & 20 1/8" (511)

- 1 Use the chart and illustration to determine the appropriate hole locations. Mark and drill two 1/4" holes. Using a smaller bit to drill pilot holes will help ensure a proper fit.
- 2 Counter bore holes so the bolt heads and washers are completely recessed. Select the appropriate length bolts so 1 3/8" to 1 5/8" of thread is exposed. Additional bolts have been included to account for different panel thicknesses. Refer to the panel preparation illustration.
- 3 Loosely place standoffs on the handle. Insert bolts with washers through the pre-drilled holes in the panel then into the handle standoffs. Tighten bolts to secure the handle to the panel.

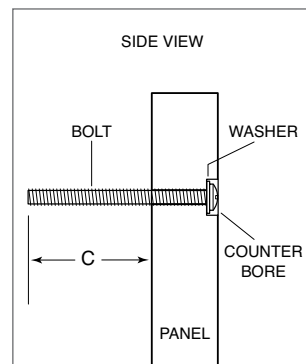
HOLE LOCATION

TUBULAR HANDLE	A	B	C
20 1/8" (511)	16 5/16" (414)	17 9/16" (446)	1 1/4"–1 5/8" (32–38)
23 3/4" (603)	15 5/16" (389)	19 5/16" (491)	1 3/8"–1 3/4" (35–44)
26 7/8" (683)	24 1/8" (613)	25 3/8" (645)	1 3/8"–1 3/4" (35–44)
29 3/8" (746)	25 3/8" (645)	26 5/8" (676)	1 3/8"–1 3/4" (35–44)

PRO HANDLE	B	C
20" (508)	18 3/4" (476)	1/2" (13)
23 1/4" (591)	21 13/16" (554)	1 1/2"–1 3/4" (38–44)
26 7/8" (683)	25 3/8" (645)	1 3/8"–1 3/4" (35–44)



Hole location.



Panel preparation.

