

Technical drawing of a flush bolt assembly, showing top, side, and end views with dimensions and labels.

Top View Dimensions:

- Overall width: $2\frac{3}{4}"$
- Distance from edge to center hole: $\frac{5}{16}"$
- Distance between center holes: $1\frac{1}{2}"$
- Distance from center hole to edge: $\frac{3}{4}"$
- Distance from edge to lip strike: $\frac{9}{16}"$
- Distance from lip strike to center hole: $1\frac{1}{8}"$

Side View Dimensions:

- Overall height: $6"$
- Distance from top edge to center hole: $5\frac{3}{4}"$
- Distance from center hole to edge: $4\frac{1}{8}"$
- Distance from edge to lip strike: $2\frac{1}{2}"$
- Distance from lip strike to center hole: $1\frac{1}{4}"$
- Distance from center hole to edge: $1\frac{1}{4}"$
- Distance from edge to lip strike: $1\frac{1}{8}"$

End View Dimensions:

- Overall width: $8\frac{1}{2}"$
- Distance from top edge to center hole: $6\frac{1}{4}"$
- Distance from center hole to edge: $8\frac{1}{4}"$
- Distance from edge to lip strike: $1\frac{1}{4}"$
- Distance from lip strike to center hole: $1\frac{1}{4}"$
- Distance from center hole to edge: $1\frac{1}{4}"$
- Distance from edge to lip strike: $1\frac{1}{4}"$

Labels and Notes:

- Frame & Lip Strike**: 2 each #8 x $\frac{3}{4}"$ AB
- Top Bolt Hd. Guide**: 3 each #10 x 1" AB
- Backset**: 3"
- Minimum Clearance Required for Bolt Housing & Cover**: 2"
- Bolt Housing**: 2 each #8 x $\frac{3}{4}"$ AB, 2 each #8-32 x $\frac{1}{4}"$ UNC
- NOTE**: WHEN TWO-POINT ENGAGING WITH LATCHING ACTION IS REQUIRED, IT IS RECOMMENDED THAT ONE CONSTANT, SELF-LATCHING FLUSH BOLT BE USED WITH ONE AUTOMATIC FLUSH BOLT. SELF-LATCHING BOLT SHOULD BE INSTALLED AT TOP OF DOOR.

NOTE: WHEN TWO-POINT ENGAGING WITH LATCHING ACTION IS REQUIRED, IT IS RECOMMENDED THAT ONE CONSTANT, SELF-LATCHING FLUSH BOLT BE USED WITH ONE AUTOMATIC FLUSH BOLT. SELF-LATCHING BOLT SHOULD BE INSTALLED AT TOP OF DOOR.

Minimum Clearance Required for Bolt Housing & Cover

SCREW DETAILS : #8-32 x 3/8" UNC - flat countersunk head machine screw, total 2 pcs.
#8 x 3/4" AB - undercut flat countersunk head, dual purpose machine/tapping screw, total 4 pcs.
#10 x 7/8" AB - flat countersunk head tapping screw, total 3 pcs.