



Left Hand Shown

Notes:

- Do not scale drawing.
- Left hand door shown. Same dimensions apply for right hand door, measured from centerline of hinge or pivot.
- Template information based upon use of **4-1/2"** hinges or **3/4"** offset pivots.
- Dimensions are shown in inches and millimeters (mm).
- Hollow metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
- Sleeve nuts and bolts are required for wood or plastic faced fire-door installations.
- Minimum thickness recommended for reinforcements in hollow metal doors and frames is .1046 (2.66) unless noted otherwise.
- Maximum door opening is 110°.

Preparation for Fasteners			
	Fasteners	Door or Frame	Drill-Sizes
Standard	1/4" - 20 machine screw	Metal	Drill: #7 (0.201" dia.) Tap: 1/4" - 20
	Sleeve nuts and bolts	Hollow Metal	9/32" (7 mm) through; 3/8" (9.5 mm) door face opposite to closer
Aluminum or Wood		3/8" (9.5 mm) through	
Optional	Through-bolts and grommet-nuts	All	9/32" (7 mm); 3/8" (9.5 mm) dia. x 3/8" (9.5 mm) deep on door opposite to closer

**Norton Series P7700PTO Support Unit
 With or Without 7788 Drop Plate
 Combination Door Closer-Holder with Single Point Hold Open
 Stop (Push) Side of Door Installation**



ASSA ABLOY

TEMPLATE NUMBER	REV	DATE
7378-1802	2	02/22

Approved 2023-12-15