



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

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|------------------|----------|--------------|
| TEMPLATE NUMBER | REV | DATE |
| 7378-1802 | 2 | 02/22 |

Approved 2023-12-15