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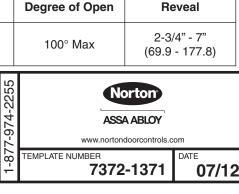
## Notes:

- · 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.
- Sex-nuts are required for wood or plastic faced fire-door installations.

<ul> <li>Minimum thickness recommended for reinforcements in hollow metal doors and frames is .1046 (2.66) unless noted otherwise.</li> <li>Minimum ceiling clearance for closer unit is 2" (50.8).</li> </ul>				Hinge or Pivot	Door omitted from detail.			
	ım hinge side fram				3/8 DIA. Sex Nuts			Door -
Preparation for Fasteners					(2 Places) Left hand door shown,	` ⊕	*	Frame Rabbet—/ Frame Stop/Soffit-
Fasteners Door or Frame Drill-Sizes						3		
Standard	1/4" - 20 machine screw	Metal	Drill: #7 (0.201" dia.) Tap: 1/4" - 20	Hinge or Pivot	right hand door opposite.		(76.2)	
	Sleeve nuts and bolts	Hollow Metal	9/32" (7 mm) through; 3/8" (9.5 mm) door face opposite to closer		13-3/8 (339.73)	<b>1-3/4</b> (44.45)		
		Aluminum or Wood	3/8" (9.5 mm) through					
	<b>-</b>		9/32" (7 mm); 3/8" (9.5 mm) dia. x				Model	Degree of Ope
Optional	Through-bolts and grommet-nuts	All	3/8" (9.5 mm) deep on door opposite to closer				712X SZ 722X	100° Max
	grommet-nuts		door opposite to closer Norton Se	eries 7100S2	<b>Z or 7200</b> ice with Multi Point Sele	ective Hold Op	722X	

Double Lever Closer Arm Drop Application 100° Max Opening.

## Stop (Push) Side of Door Installation



7/8 Dia. (22.2) For concealed incoming power

only.

1/4-20 Machine Screw or

24-5/16

(617.5)

<u>17-5/16</u> (439.74)

7

(177.8)

No. 14 Wood Screws [6 Places (4/rabbet & 2/face)]

7/8

(22.2)

<u>1-1/16</u> (26.9)