



**Notes:**

- Right hand door is shown.
- Do not scale drawing.
- Minimum door width 26" (660.4mm).
- .1046 (2.7mm) minimum thickness recommended for hollow metal door and frame reinforcement.
- From centerline of hinge to end of track 27-3/8" (695.3mm).
- Minimum ceiling clearance for track is 1-1/8" (26.6mm).
- Closer mounted with sex nuts requires the use of door silencers.
- Dimensions are given in  $\frac{\text{inches}}{\text{(mm)}}$
- Maximum door opening:
  - 110°- recommended with cushion stop in track.
  - 180°- without cushion stop.
- Use of auxiliary door stop is required to prevent damage to door, frame, and hinge.

Preparation for Fasteners		
Fasteners	Door or Frame	Drill Sizes
1/4" -20 machine screw	Metal	drill: #7 (.201") tap: 1/4" -20
Sex-nuts and bolts (Optional)	Hollow Metal	9/32" (7.00mm) through 3/8" (9.50mm) door-face opposite to closer
	Aluminum or Wood	3/8" (9.50mm) through
Through-bolts and grommet-nuts (Optional)	All	9/32" (7.00mm) through; 3/8" (9.50mm) dia. x 3/8" (10mm) deep door- face opposite to closer

**7570ST & 7770ST**  
**Security Door Closer with Security Slide Track**  
**With or Without 7786 Drop Plate**  
**For Use on Doors with 4" or 5" Wide Butt Hinges**  
**Non-Hold Open, Hinge Mounted Installation**

Approved 2022-08-01



**ASSA ABLOY**

TEMPLATE NUMBER	REV	DATE
<b>7377-0670</b>	<b>3</b>	<b>12/21</b>