

| Preparation for Fasteners |  |  |
| :---: | :---: | :---: |
| Fasteners | Opening | Fastener Preparation |
| 8-32 Machine Screw | Metal Frame | \#29 Drill, .136" (3.50mm) Dia. <br> Tap \#8-32 UNC |
| 1/4-20 Machine Screw | Metal <br> Door or Frame | \#7 Drill, .201" (5.10mm) Dia. <br> Tap 1/4-20 UNC |
| 3/8 Dia. Sex Nut | Wood or <br> Composite Door | 3/8 Drill, .375" (9.50mm) Dia. <br> Thru |

NOTES

1. Do not scale drawing.
2. Right hand door shown.
3. Dimensions are in inches ( mm ).
4. Important: From centerline of pivot to end of track 26-7/8" (683mm).
5. Charted dimensions measured from door rabbet.
6. Minimum ceiling clearance for unit is $2-1 / 8^{\prime \prime}(54 \mathrm{~mm})$.
7. Maximum door opening is $105^{\circ}$.
8. Hollow-metal doors require channel or box-type reinforcement when thru-bolt mount is specified.
9. Minimum thickness recommended for reinforcements in hollowmetal doors and frames: .1046 ( 2.66 mm ) unless otherwise noted.

## 400ST-DE/4400ST-DE Series Non-Hold Open Door Closers 1400ST-DE/4410ST-DE Series Hold Open Door Closers

Hinge Side SlideTrack Application For Double Egress Frame Hinge Side Frame Reveals $1 / 8$ " to 3 " ( 3 to 76 mm )

Template Number: 80-7344-0511-010
Sheet: 1 of 1
Date: 01/24

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