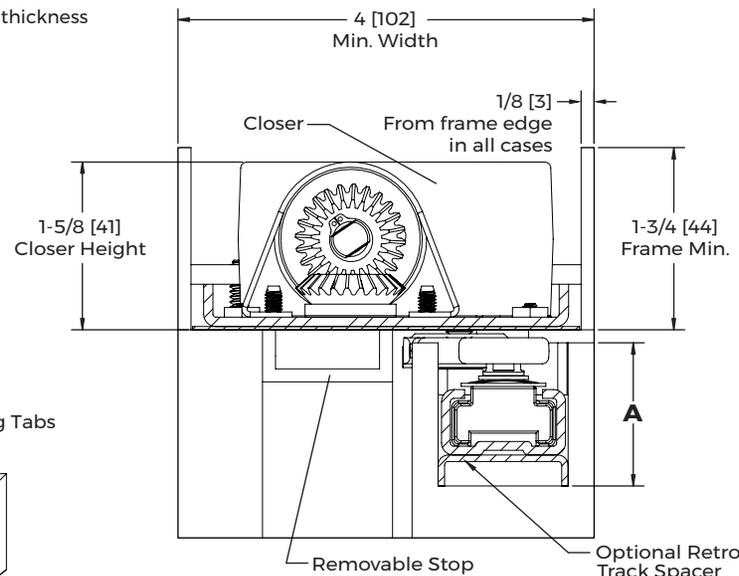


Max. Degree of Opening	
93 Non-Hold Open	(120°)
93 Non-Hold Open with track stop	(120°)
93 Hold Open	(100°)

A removable headstop must be used in combination with the closer for proper installation. Mounting holes for the headstop must span closer length. Headstop must be removable to install closer and make proper adjustments.



"A" Dimension	
Standard Application	1-1/16 [27]
Retrofit Track Option	1-3/8 [35]

NOTES:

1. Minimum stop thickness 1/2" [13mm].
2. 1/8" [3mm] door to soffit clearance required.
3. Reinforcing per ANSI/SDI-100 recommended for hollow metal doors and frames.
4. Auxiliary stop recommended.
5. Headstop and vertical jamb cutout must not exceed pivot to jamb clearance.
6. Do not scale drawing.
7. Consult factory for door thickness greater than 1-3/4" [44mm].
8. All Dimensions in inches [mm].

Model 93 Overhead Concealed Closer

Center Pivot, Metal Frame

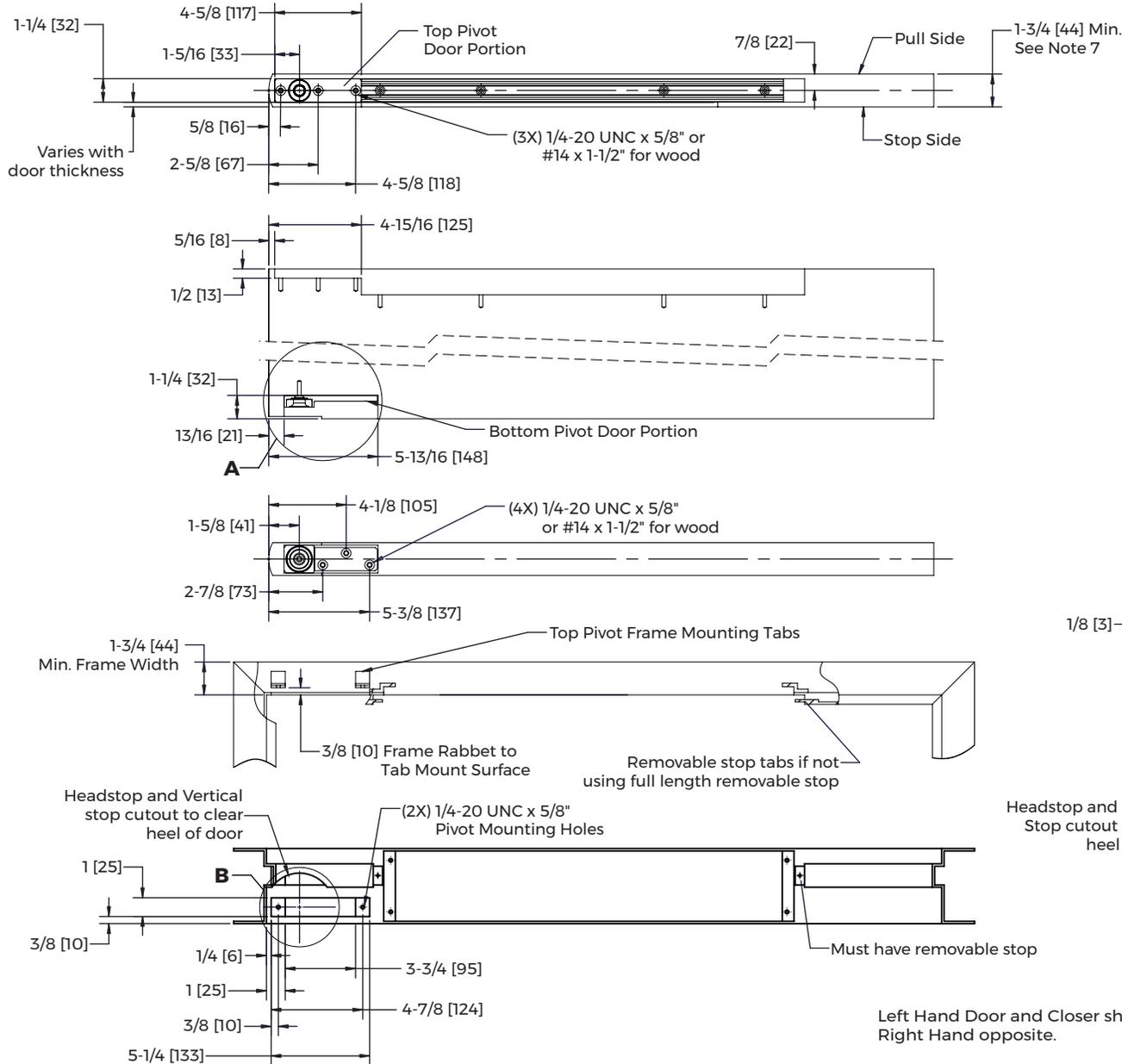
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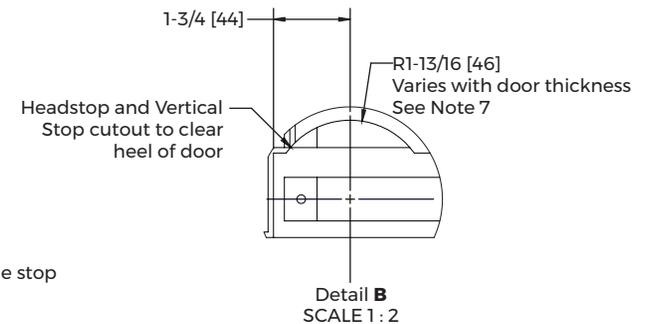
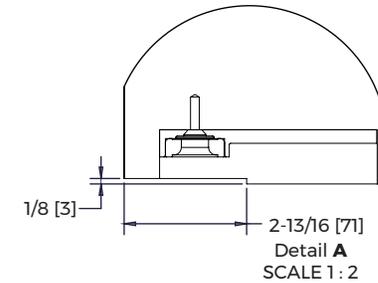


Max. Degree of Opening
 93 Non-Hold Open (120°)
 93 Non-Hold Open with track stop (120°)
 93 Hold Open (100°)

A removable headstop must be used in combination with the closer for proper installation. Mounting holes for the headstop must span closer length. Headstop must be removable to install closer and make proper adjustments.

NOTES:

1. Minimum stop thickness 1/2" [13mm].
2. 1/8" [3mm] door to soffit clearance required.
3. Reinforcing per ANSI/SDI-100 recommended for hollow metal doors and frames.
4. Auxiliary stop recommended.
5. Headstop and vertical jamb cutout must not exceed pivot to jamb clearance.
6. Do not scale drawing.
7. Consult factory for door thickness greater than 1-3/4".
8. All Dimensions in inches [mm].



Left Hand Door and Closer shown.
Right Hand opposite.

Model 93 Overhead Concealed Closer

Center Pivot, Metal Frame

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