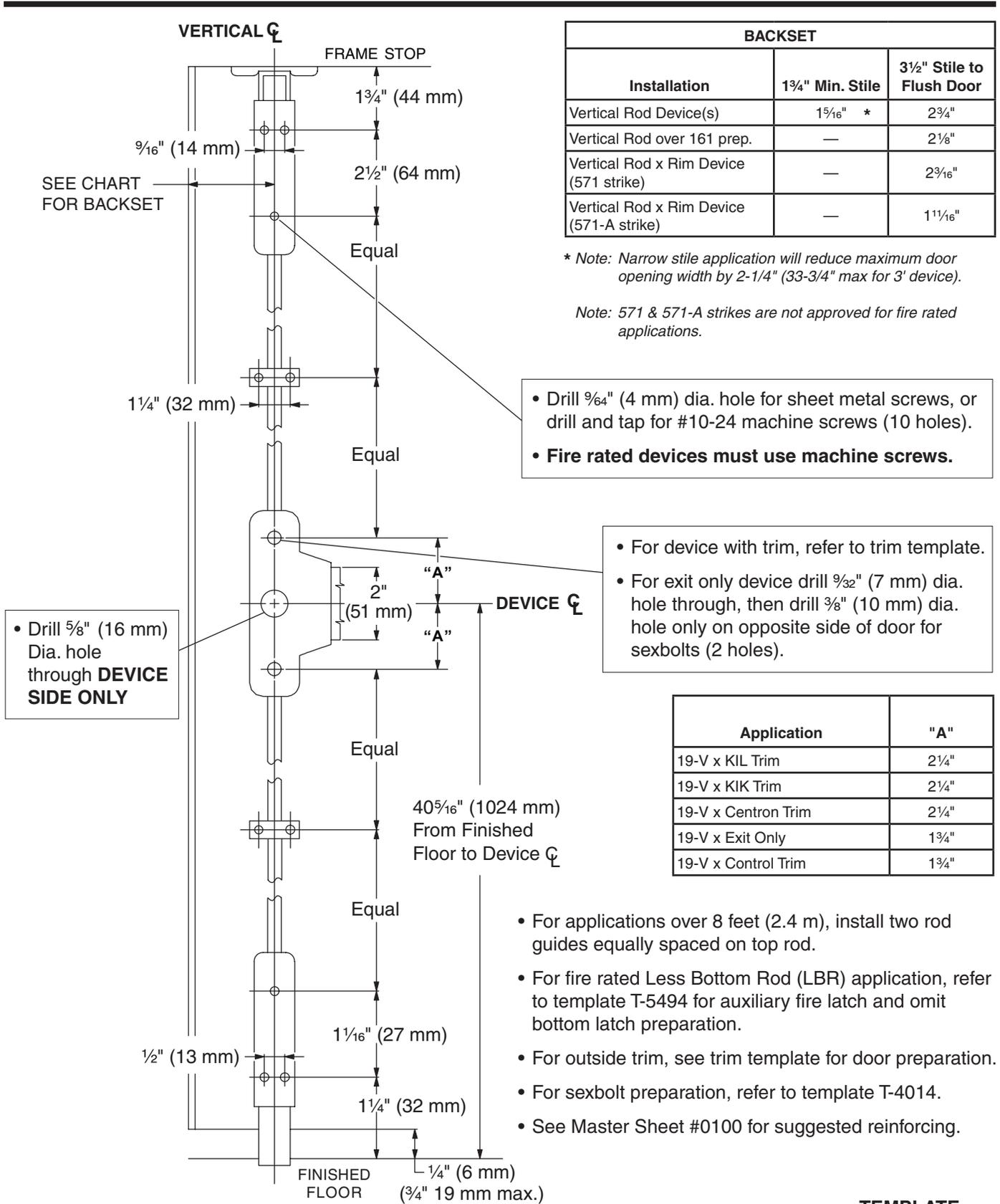


# (F)19 Surface Vertical Device

Surface Vertical Rod Panic and Fire Exit Device, Metal Door, LHR Shown, RHR Opposite



BACKSET		
Installation	1 3/4" Min. Stile	3 1/2" Stile to Flush Door
Vertical Rod Device(s)	1 5/16" *	2 3/4"
Vertical Rod over 161 prep.	—	2 1/8"
Vertical Rod x Rim Device (571 strike)	—	2 3/16"
Vertical Rod x Rim Device (571-A strike)	—	1 11/16"

\* Note: Narrow stile application will reduce maximum door opening width by 2-1/4" (33-3/4" max for 3' device).

Note: 571 & 571-A strikes are not approved for fire rated applications.

- Drill 5/16" (4 mm) dia. hole for sheet metal screws, or drill and tap for #10-24 machine screws (10 holes).
- Fire rated devices must use machine screws.

- For device with trim, refer to trim template.
- For exit only device drill 9/32" (7 mm) dia. hole through, then drill 3/8" (10 mm) dia. hole only on opposite side of door for sexbolts (2 holes).

- Drill 5/8" (16 mm) Dia. hole through **DEVICE SIDE ONLY**

Application	"A"
19-V x KIL Trim	2 1/4"
19-V x KIK Trim	2 1/4"
19-V x Centron Trim	2 1/4"
19-V x Exit Only	1 3/4"
19-V x Control Trim	1 3/4"

- For applications over 8 feet (2.4 m), install two rod guides equally spaced on top rod.
- For fire rated Less Bottom Rod (LBR) application, refer to template T-5494 for auxiliary fire latch and omit bottom latch preparation.
- For outside trim, see trim template for door preparation.
- For sexbolt preparation, refer to template T-4014.
- See Master Sheet #0100 for suggested reinforcing.

**TEMPLATE**  
**T-1105-b**