

Concealed Closer/Stops

Information Bulletin 383



Eggers Industries

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Eggers has approval to machine for listed and approved concealed overhead closer and/or stops and mortised floor closers in doors rated 20 through 90-minutes. Concealed holders are not allowed in label doors unless they include an automatic release function if a fire is detected. The specific approvals include:

- UL (20 through 90-minute labeled doors) the cutout dimension can not exceed 1-1/2" in depth, 1-3/8" in width or 23-3/4" in length.
- WHI (20-minute labeled doors only) the cutout dimension can not exceed 1-3/8" in depth, 1-9/32" in width or 23-1/4" in length.
- Tank Type (UL 20-minute doors only) the cutout dimension can not exceed 2-9/32" in depth, 1-3/8" in width or 11-1/4" in length.

Due to the large cutouts required for concealed overhead closers, a frame applied intumescent will be required above the cutout, making the opening Category B. Where the door is constructed with intumescent stiles and rail, the only additional intumescent required will be over the closer cutout. Where constructed as a Category B, frame applied intumescent is required on the jambs and header. Mortised floor closers can be done as Category "A" (without any additional intumescent). The same rules apply for 20 through 90 minute applications.

Tank rails are constructed with extra face reinforcement for use on non-labeled and UL 20-minute doors to help prevent telegraphing of the hardware cavity. Tank rails are required when:

1. The closer body (tank) is in the door or
2. The width of the hardware being machined for is greater than 1 5/16".
3. A metal shim is required in UL 20-minute doors

Eggers will not warranty machining cavities over 1-3/8" in width on an 1-3/4" thick door.



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