

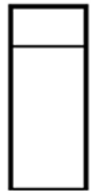
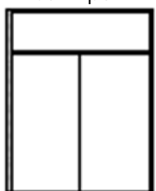



### TRANSOMS

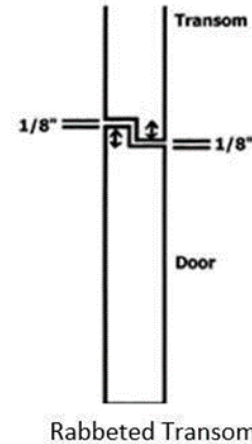
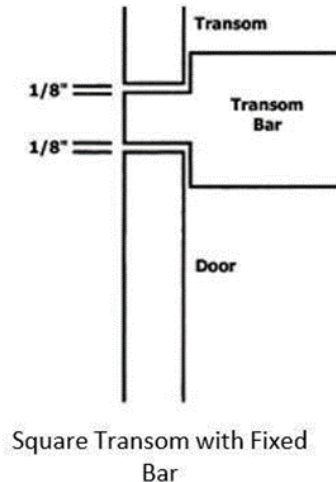
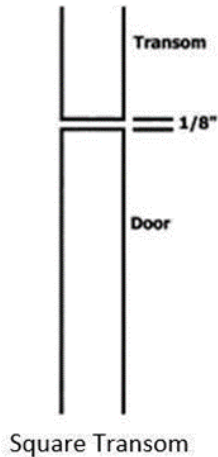
TRANSOM PROFILE	FIRE RATING*	CORE TYPE	MAX. OPENING WIDTH	MAX. OPENING HEIGHT	MAX. TRANSOM WIDTH	MAX. TRANSOM HEIGHT
Square with no transom bar - single 	Non-Rated	PC-3, PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	4'-0"
	20-Minute (Neenah Facility)	PC-3, PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-Minute (Neenah Facility)	WSPC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-90-Minute (Neenah Facility)	FD-5	4'-0"	10'-0"	4'-0"	3'-4"
Square with transom bar - single 	Non-Rated	PC-3, PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	4'-0"
	20-Minute	PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-Minute (Neenah Facility)	WSPC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-90-Minute	FD-5	4'-0"	9'-0"	4'-0"	3'-4"
Rabbeted Single 	Non-Rated (Holstein & Neenah)	PC-3, PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	4'-0"
	20-Minute (Neenah Facility)	PC-5, WSPC-5, SCLC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-Minute (Neenah Facility)	WSPC-5	4'-0"	10'-0"	4'-0"	3'-4"
	45-90-Minute (Neenah Facility)	FD-5	4'-0"	9'-0"	4'-0"	3'-4"
Single transom with transom bar - pair 	Non-Rated	PC-3, PC-5, WSPC-5, SCLC-5	8'-0"	10'-0"	8'-0"	4'-0"
	20-Minute	PC-5, WSPC-5, SCLC-5	8'-0"	10'-0"	8'-0"	3'-4"
	45-90-Minute (Neenah & Two Rivers)	FD-5	8'-0"	9'-0"	8'-0"	3'-4"
Split transom with transom bar - pair 	Non-Rated	PC-3, PC-5, WSPC-5, SCLC-5	8'-0"	10'-0"	4'-0"	4'-0"
	20-Minute	PC-5, WSPC-5, SCLC-5	8'-0"	10'-0"	4'-0"	3'-4"
	45-90-Minute	FD-5	8'-0"	9'-0"	4'-0"	3'-4"

\*Available for all facilities except as noted

## TRANSOMS

### Clearances:

1. The clearance between the door(s) and transom are accounted for in the door trimming.
2. 1/8" frame clearance between the door(s) and transom is standard and required for fire ratings.



### Transom Matching:

1. Continuous Match - Veneer extends from the bottom of the door to the top of the transom. Veneer may limit total door and transom height. Standard as available.
2. End Match - Veneer extends from bottom of the door to top of the door with mirror image at the transom. Available by request or as required.
3. Matching Tolerance - Single Door and Transom: 3/8"; Pair of doors and single transom: 1/2"

### Installation:

Transoms are typically secured in the frame by using spring-bolts or frame stops secured to the frame after the transom is installed. For labeled applications spring bolts require a metal pin (with or without a plastic covering).

VT will not warranty doors with operational hardware or door latching into the transom. Fire rated doors require a transom bar between the door and transom panel when operational hardware, such as closers, or strikes (door can not latch into the panel).

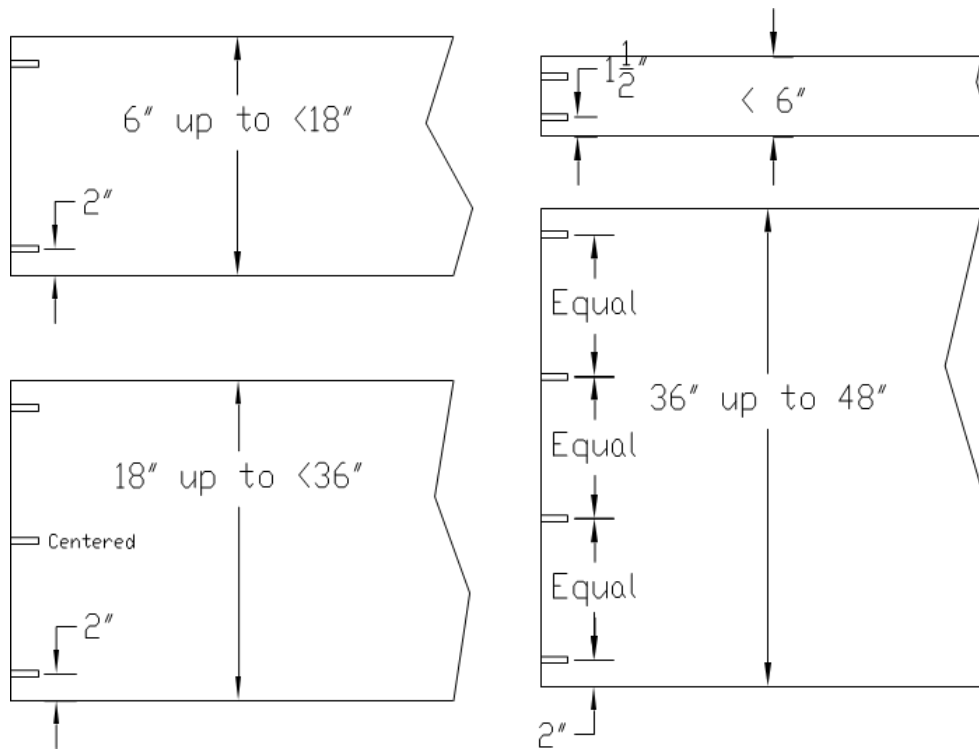
As standard spring-bolts are machined in the vertical edges of the panels as noted:

- Panels up to 18" having 2 bolts per side
- Panels up to 36" having 3 bolts per side
- Panels up to 48" having 4 bolts per side

Single transoms over a fire rated pair, spring-bolts required on horizontal edges with Fire Composite core construction. Spring bolts required 2" from the stile edges and maximum of 30" in between spring bolts.

TRANSOMS

Standard Spring-bolt Locations: (measured from the wide face of rabbeted transoms)



Applied Molding on Labeled Transoms:

1. Available 20-90 minutes
2. See Applied Moulding Product Update #238 for requirements

Lites in Transom:

1. Non-rated transoms only
2. Neenah / Two Rivers Facilities
3. See Lite/Lock Product Update #P256 for requirements