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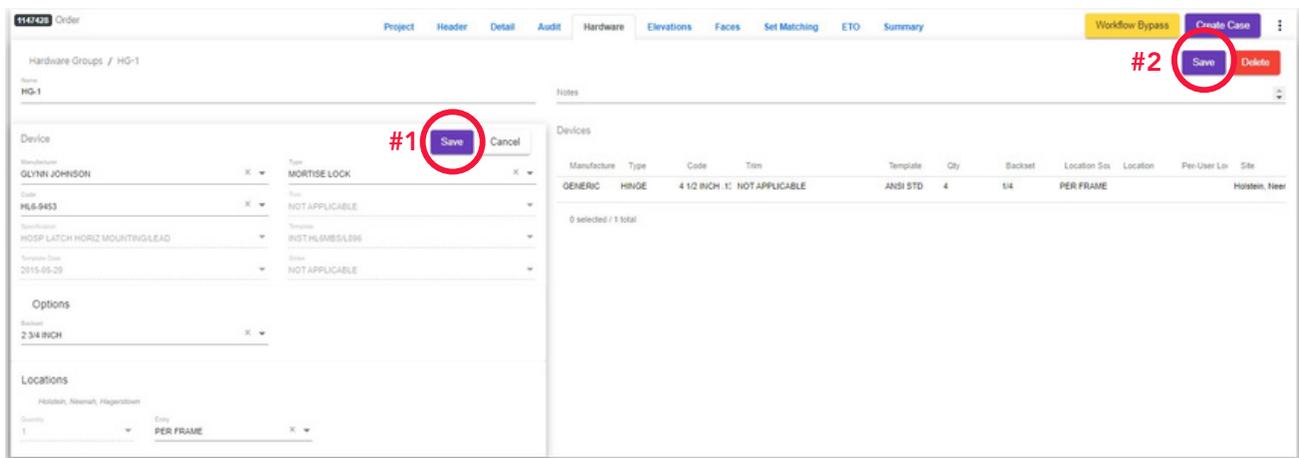
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HARDWARE GROUPS

If you need additional details about the hardware options available, review the hardware template prior to making a selection.

SAVING

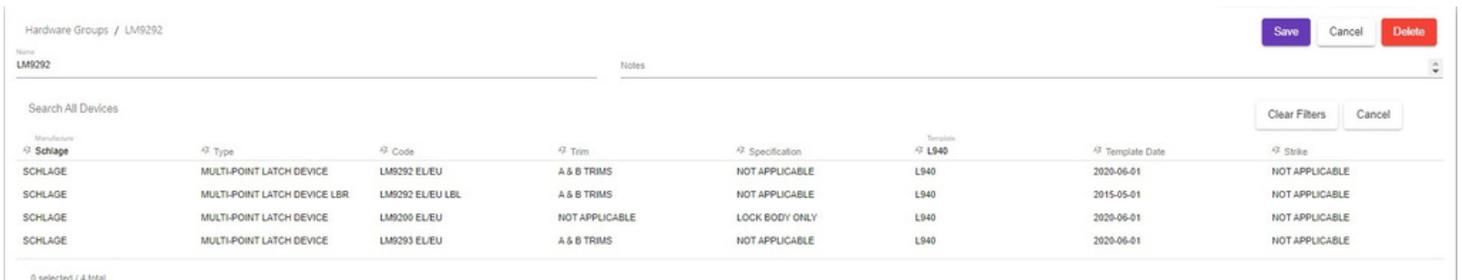
Always remember to save your hardware group! It is easy to remember to save the piece of hardware you're working on, but it can be just as easy to forget the **Second** save that saves the **Entire Group**.



HARDWARE SELECTIONS

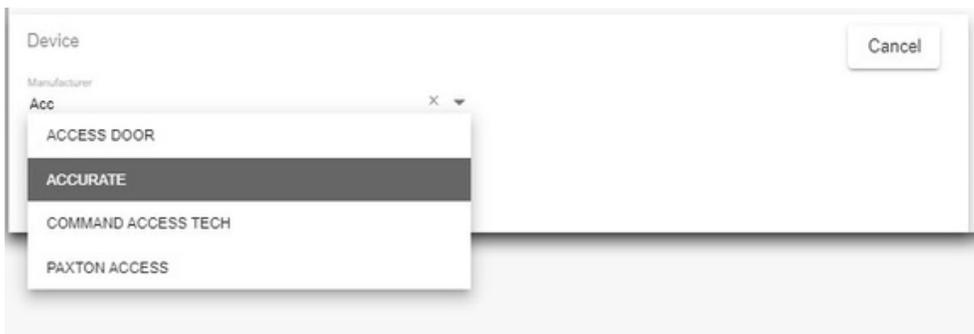
Use the "Search New" option to key in hardware information into the column headers to filter through the pre-programmed hardware preps.

- When first entering the hardware group, the system will immediately provide the "new" menu
- Click **cancel** to select "Search New"
- See example below: Manufacturer: Schlage Template: L940



Use the "New" option to walk through the standard drop-down entry process, field by field.

- The user can begin keying in the hardware information pertaining to each specific field. As the user types, the field will begin to filter to include only the options that include the information keyed
- See example below: Keying "ACC" retrieves four different results with "ACC" in the name



NAMING

There is a 20-character limit on the "Name" field and a 25-character limit on the "Notes" field. Here are a few best practices for naming conventions:

- If entering from hardware and door schedules, name your group the same as it is listed on the hardware schedule
- If entering from machining sheets, name your group the page number of the machining sheet
- Describing the hardware using abbreviations, see example below:

AZ Name	AZ Doors	AZ Notes
9056xhng	<u>5</u>	
9070xhng	<u>2</u>	
9080xhng	<u>4</u>	
hng only	<u>2</u>	
stkxhngxfb	<u>1</u>	

Ultimately, use the naming convention that works best for your entry.

HARDWARE LOCATED AT TOP OF DOOR

Preps that are located in the top of a door will have a system pick including the term "At Head". It will then give you a location from the lock edge of the door to enter.

Device

Manufacturer: SECURITRON x

Type: MAGNETIC SWITCH

Code: DPS-M x

DPS-M

DPS-M AT HEAD

LOCKS

GLYNN JOHNSON HOSPITAL LATCHES

Glynn Johnson Hospital Latches that share functions with Schlage can be found under the Schlage mortise locks.

Device

Manufacturer: SCHLAGE x

Type: MORTISE LOCK x

Code: HL6-9010 x

Trim: NOT APPLICABLE

Specification: HOSPITAL LATCH VERTICAL MOUNT x

Template: S29695/L892

Template Date: 2020-12-01

Strike: 4 7/8 STRIKE x

Options

Backset: 2 3/4 INCH x

Locations

Holstein, Neenah, Hagerstown

Quantity: 1

Entry: PER USER x

Position: TOD TO CL LOCK x

HINGES

CONTINUOUS HINGES

Continuous Hinge Calculations

- If you are going to override the pre-calculated prefit on a door with a continuous hinge, change Calculate Sizes selection to "No Calculation"

Override Calculated Sizes* NO

Calculate Sizes* NO CALCULATION

Opening Width (ft - in)* 7 4

Opening Height (ft - in)* 7

Undercut (in)* 5/8

Ht Clearance* 1/8 INCH

Door Width (ft - in)* 3 7 9/16

Door Height (ft - in)* 6

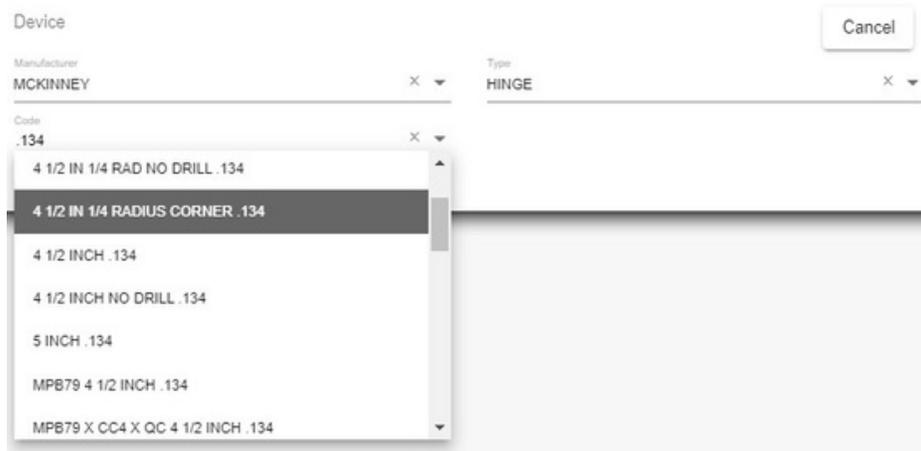
- If you are going to override the prefit size on an equal pair, you will need to enter them as an unequal pair to have the system allow you to override

NO HINGE MATERIAL

Hardware selections may require a radius/non-standard bevel. If your door does not allow you to select hinge material, you may need to add a 7/8" lumber edge under the faces tab.

RADIUSED VS. SQUARE HINGES

- Non-labeled options in the system should be squared corners
- Radiused hinge options will have the radius corner dimensions called out



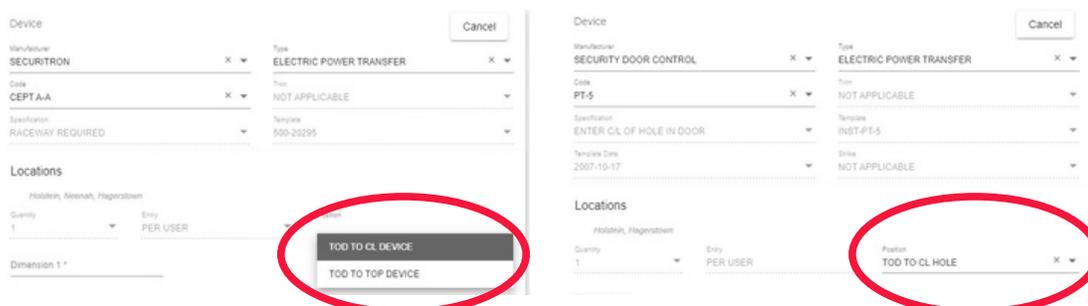
ELECTRIC

ELECTRIC POWER TRANSFER (EPT)

EPT's can be measured from:

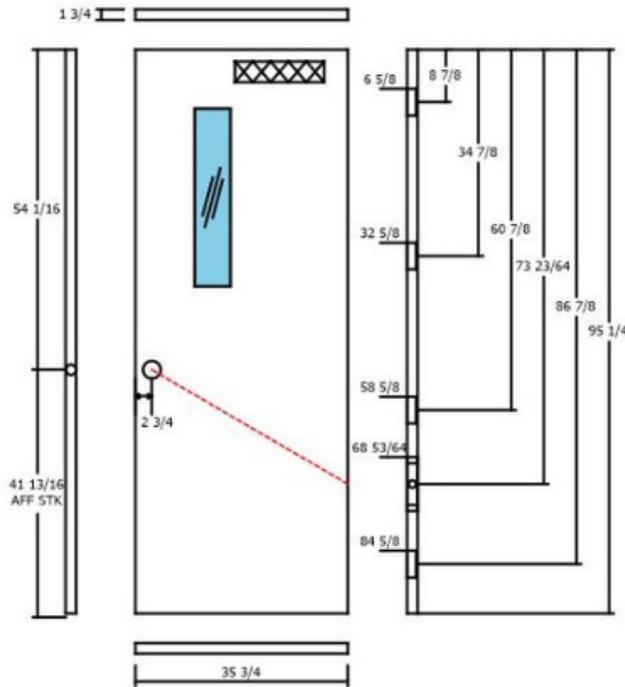
- Top of the door to the top of the prep
- Top of the door to the middle of the prep
- Top of door to the centerline of hole

This varies depending on the size of the EPT. If the EPT prep is larger than 1", then the system will offer the top of door to the middle or to the top of the prep.



RACEWAYS

After keying in the door, the door line will produce a raceway drawing. The drawing will depict where the raceway should be routed.

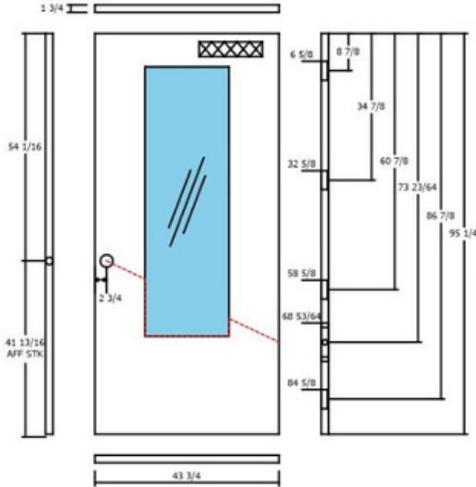


- Raceways templates or options may not be listed but check your drawing to be sure that the endpoints are in the correct locations. Select the 1" prep on one leaf and the 7/8" prep on the other leaf

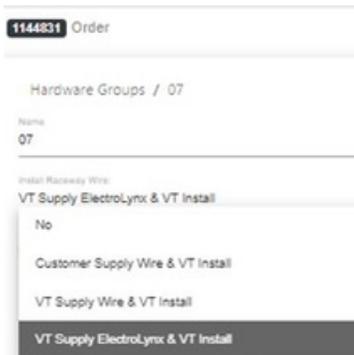
Example: Von Duprin 98/99 EO – template raceway goes to the back of the bar. The hardware entry screen doesn't show the bar template (i.e. W40084-A) – the drawing will depict the correct raceway endpoint.

Manufacturer	VON DUPRIN	X	Type	EXIT DEVICE RIM
Code	CEL-98/99(F) ELEC.	X	Trim	EXIT ONLY
Specification	NOT APPLICABLE		Template	W10302
Template Date	2013-05-29		Style	NOT APPLICABLE

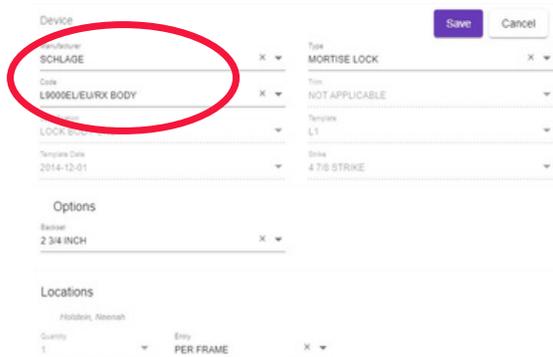
This also applies to raceways that go around a lite. The system automatically accounts for this without an intervention from the user to tell the system to do so.



- Electrolinx can be found in the first raceway drop down



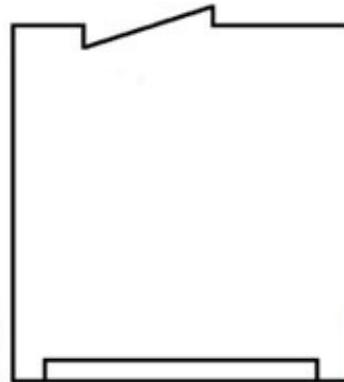
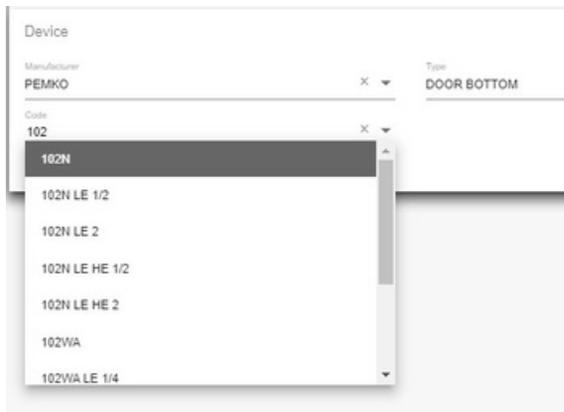
- If searching for a prep that has a raceway to a lock pocket only (no face functions), Schlage has a standard lock body prep that can be used
 - L9000EL/EU/RX Body



DOOR BOTTOMS

STOPPING A DOOR BOTTOM SHORT

There are other special codes that can help you achieve this specification.



Example: The 102N has a main code that preps all the way from lock edge to hinge edge. The 102N LE HE ½ option stops the door bottom short 1/2" on each edge. Just as the 102N LE 2 selection would stop 2" short of the lock edge.

CONSTRUCTION TIPS & TRICKS

AWI QCP

This option can only be selected when creating a project.

DOOR TYPES

Pair Swings

Door lines will automatically adjust to Active/Active swings when exit devices are applied to each leaf.

Acoustic Construction

For the new acoustic offerings, please see the Acoustic Capabilities Page.

- <https://www.vtindustries.com/for-the-pros/architectural-doors/technical-information/acoustical-capabilities/>

STC Door Bottoms

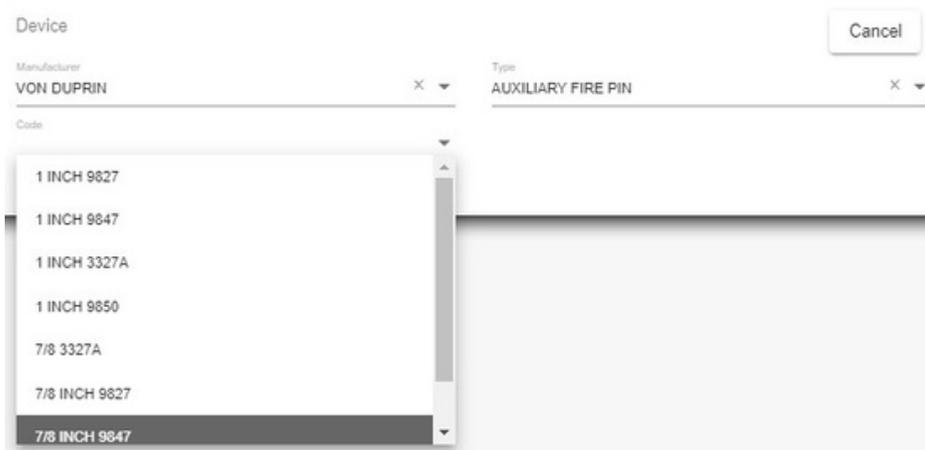
When choosing the door bottom in the door line the machining and BOM will be automatically applied. Do not add the door bottom to the hardware group of the STC door.

FIRE-RATED

Auxiliary Fire Pins (AFL)

Auxiliary fire pins must be manually selected and entered on the meeting edges of the pair. These locations cannot interfere with other meeting edge preps.

- See the Fire Door Capability Chart for additional AFL information
- <https://www.vtindustries.com/for-the-pros/architectural-doors/technical-information/fire-doors-jamb/>
- AFLs can be added to your hardware group by selecting Von Duprin Manufacturer
 - Door to frame and door to floor can be entered for rekey using the Generic picks
 - Select the 1" prep on one leaf and the 7/8" prep on the other leaf
 - 1" pins are the strike, 7/8" are the latch



Example: All of the 1" pins in the example above are the same, just attached to different templates as well as all 7/8" templates.

90-Minute Door Lites

- VTIFM bead requires glass by VT; This is a life safety issue
- AMS #118 Metal Vision Panels (MVP) can have glass by others

Top only flushbolts are no longer allowed on 20 to 90-minute rated doors.

KEYING A LINE

FACES & EDGES

Doors with white birch faces have a standard of white maple for the veneered edges.

- The user then needs to create an alternate edge in White Maple to then be able to select in line-item entry (instead of keeping the system default).

Product
 Heritage Collection x ▾

Type
 ALTERNATE EDGES x ▾

Material
 VENEER x ▾

Species
 WHITE MAPLE x ▾

Similar Color & Grain
 NO x ▾

Grain
 VERTICAL ▾

Sites
 Any

Add

- Palladium door standard edges are fixed
- Removeable edges, create an alternate edge material

Product
 Heritage Collection x ▾

Type
 ALTERNATE EDGES x ▾

Material
 REMOVABLE VINYL x ▾

Color
 0101 Designer White PVC x ▾

Sites
 Neenah

Add

FINISH

- To enter an approved sample number – select “Finished” then “Custom”
- Two fields for your finish will come up, enter the same finish number in each

FACTORY FINISH

Factory Finish* Finish Color*

Color #* Sample #*

Distressing* Seal Cutouts*

TR Finish* BR Finish*

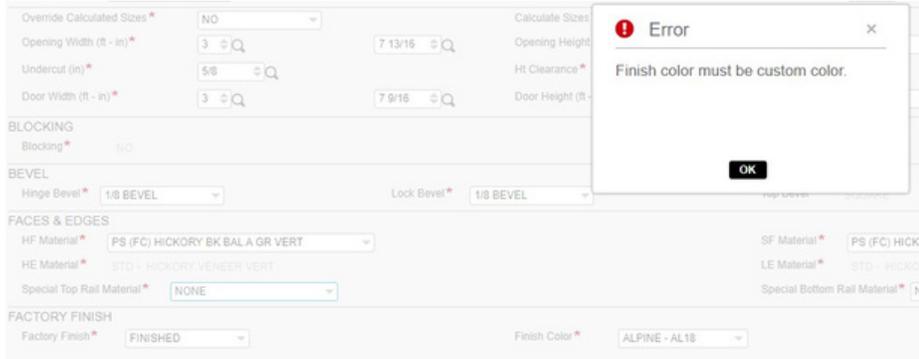
- To enter a Gardall Plus finish, select “Yes” for Double Top Coat

FACTORY FINISH

Factory Finish*

Double Top Coat*

- PS Hickory requires a clear or custom finish only. No standard finishes are permitted.



FSC

FSC terminology differs from the previous Eggers online system to the new VTonline system.

VTonline	Eggers Online
FSC	FSC COC
Controlled FSC	FSC CW

ACCRONYMS

ATP	Available to Promise
BOM	Bill of Materials
FOA	Final Order Acknowledgement
IFS	Industrial & Financial System
ETO	Engineer to Order
HF	Hinge Face (Can see hinge barrels)
SF	Stop Face (Can see stop of frame)
HE	Hinge Edge
LE	Lock Edge
TR Finish	Top Rail Finish
BR Finish	Bottom Rail Finish
HF Stop	Lumber Bead / Stop Material on hinge face
SF Stop	Lumber Bead / Stop Material on stop face

GLOBAL CHANGES

Factory Finish

When entering a custom sample number be sure to include the following:

- Factory Finish field: FINISHED
- Finish Color: CUSTOM COLOR
- Color Number **AND** Sample Number both need to contain the Neenah sample number

1000 INDUSTRIAL PARK | HOLSTEIN, IA 51025 | 800.827.1615

Global Changes

Change
Factory Finish

HE Factory Finish

LE Factory Finish

Factory Finish
FINISHED

Finish Color
CUSTOM COLOR

Double Top Coat

Sheen

Color #
Enter Sample #

Sample #
Enter Sample #

Door Width

When entering a door width, you must enter a new opening width and a new door width.

- The standard prefit of 1/8" on Hinge Edge (HE) and Lock Edge (LE) applies

Global Changes

Change
Sizing

Opening Width (Inches in Fraction)
36

Door Width (Inches in Fraction)
35-3/4

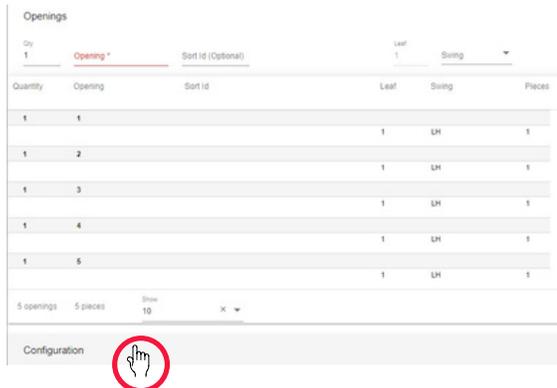
MISCELLANEOUS

MULTIPLE SESSIONS

- Do not have multiple sessions of V**T**online opened at once
- To expand the Configuration screen, roll the mouse over the center of the Configuration bar until the mouse becomes a finger and click to expand

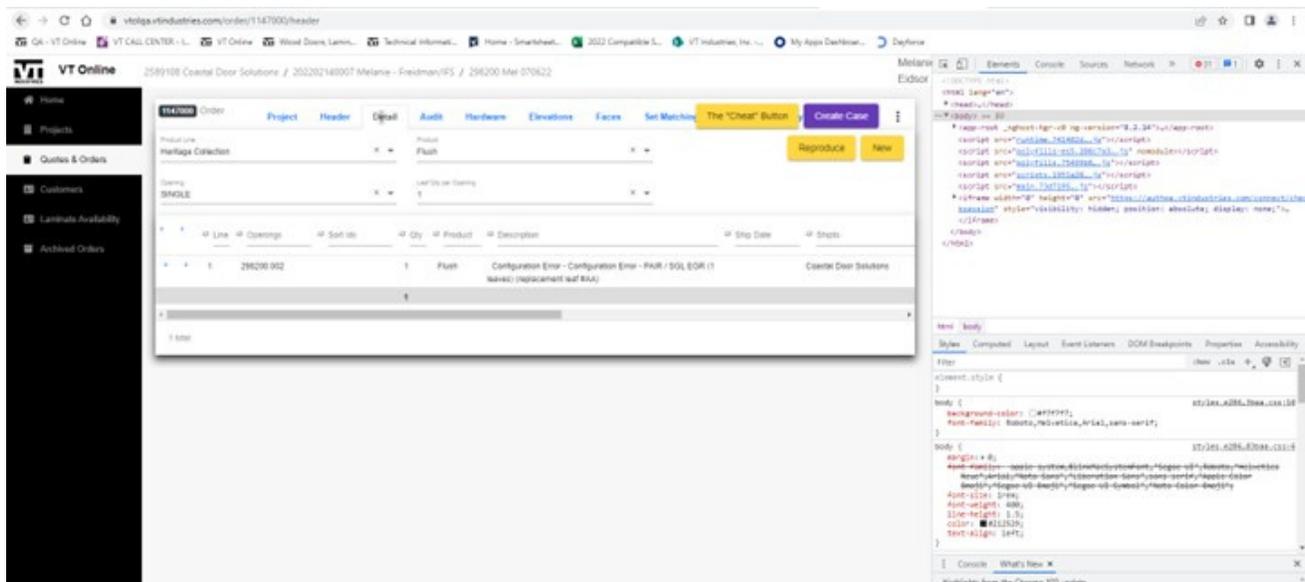
EXPANDING THE CONFIGURATION SCREEN

To expand the Configuration screen, roll the mouse over the center of the Configuration bar until the mouse becomes a finger and click to expand.



CLEARING CACHE

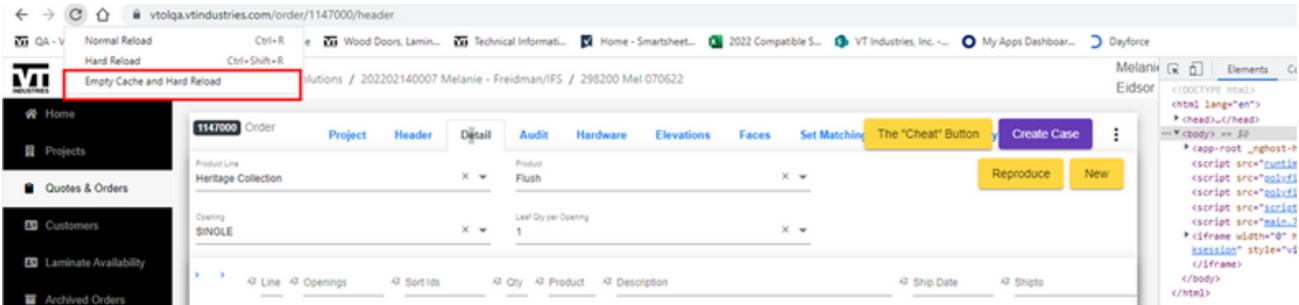
- A system specialist may ask you to clear your cache
- From inside your order screen hit F12
 - A window will appear to the right of your screen



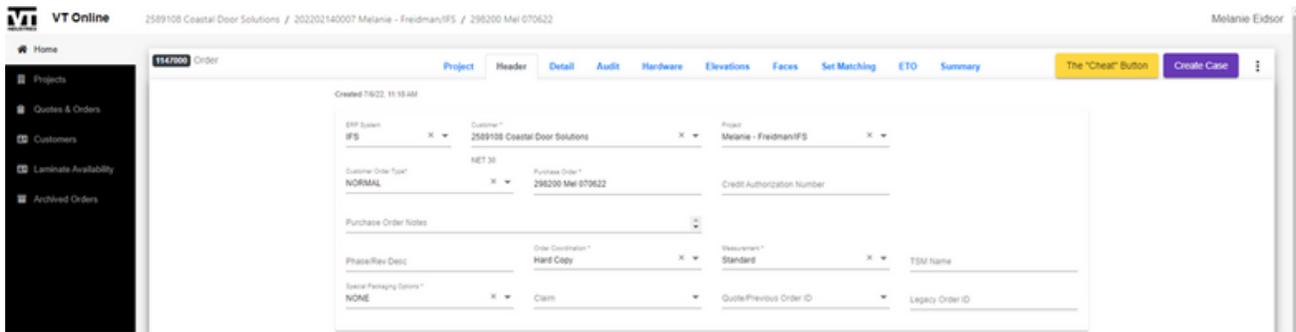
- Right click on the refresh icon next to your address bar



- Click on “Empty Cache and Hard Reload”



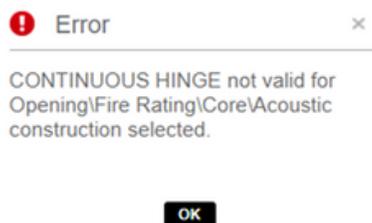
- The screen will reset
- Hit F12 again to make the screen to the right disappear



ERROR MESSAGES

Generic Error Messages

When the system detects an error that doesn't have a specific predesigned error message, error messages like these may appear

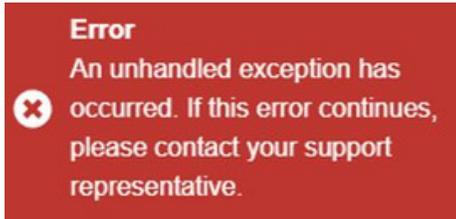


In the example above, there is some issue between the continuous hinge hardware and the construction that causes the system to error.

- The combination of STC with continuous hinge is not permitted
- Fix: The hinge or STC rating has to change

Entry Point Registration Error

When the system encounters an error when an entry point did not properly register in the system, the following error will appear.



Research the last entry points to be sure it was set properly, and try to apply the change.

- Because this error is also used when the system is being “buggy”, you will have to research to understand if something is truly wrong
- If after updating a piece of information that caused an error, is still causing the same error, try changing another field to “reset” the screen (i.e. change the Environmental selection to and from NAUF to apply a swing change)

Hardware Master Error

The “Hardware Master has changed” is an error that requires the user to go back into the hardware group and re-save all their devices and then save the hardware group. After re-saving, re-enter the line and it should work on the door.

