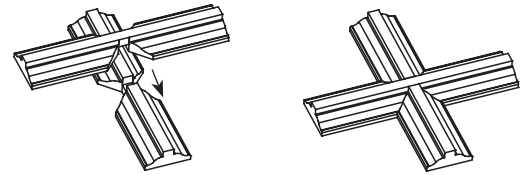


Half Lap Mullion Construction

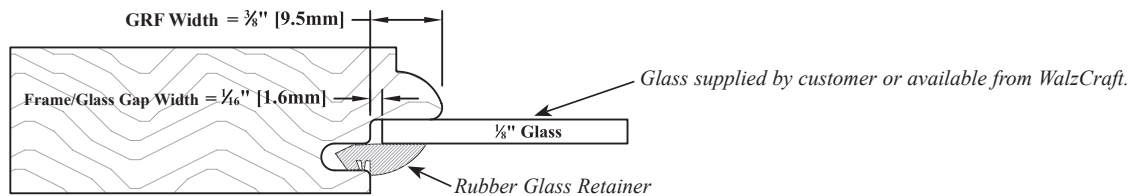
The examples to the right show our Half Lap Mullion joinery detail.

Half Lap Mullion construction provides a stronger joint and is standard for most Stile and Rail profiles that have matching mullion stock options.



Glass Retainer Notes and Formula for Glass Size Calculation

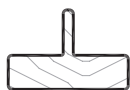
- Please see **Section B12** of the **Wholesale Pricing Catalog** for Glass Retainer lineal foot pricing.
- Glass retainer fits into a slot, as shown in the drawing below, and can only be used with 1/8" glass.
- True Lite mullions are not constructed with a slot to accept glass retainer.
- Glass Retainer is available in Black, Brown, Clear & White. All are priced the same and can also be ordered by the roll.
- To order Retainer with a Frame Only Door, simply check the box on Door Order Form #2 indicating which color you would like and our Configurator will calculate the amount needed.
- To order Retainer by itself, please use Miscellaneous Order Form #5 and Part #155067. For the Description, simply enter the desired color and amount of lineal feet needed.
 - White is available by the lineal foot with a maximum length of 500 feet.
 - Black, Brown and Clear are available by the lineal foot with a maximum length of 1,000 feet.
- **Formula used to calculate the width / height of "square or rectangular" shaped glass to fit frames with a single opening and "straight" stile & rail parts:**
 - **Glass Width** = [Door Width - (stile width x 2)] + [3/8" (GRF width) x 2] - [1/16" (Frame / Glass Gap Width) x 2]
 - **Glass Height** = [Door Height - (rail width x 2)] + [3/8" (GRF width) x 2] - [1/16" (Frame / Glass Gap Width) x 2]
- **Note: WalzCraft does not calculate glass size for frame only doors with multiple openings, frame & mullion doors with true divided lites or frame only doors with shaped stiles or rails. For these styles we recommend waiting until you receive your door, then take it to your local glass supplier to have your glass cut to fit each opening.**



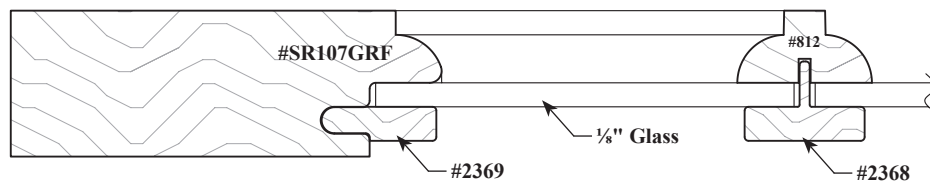
**** Please see notes in Section B7 for the formula to calculate glass sizes for French Mitered Door Frames ****

***** Please see "Frame and Mullion Door Notes" later in this section for more information on calculating Glass Sizes. *****

"Optional" True Divided Mullion Lite / Retainer Molding #2368 (Cut to Size)



#2368
PC: AM101
Multiplier: .70

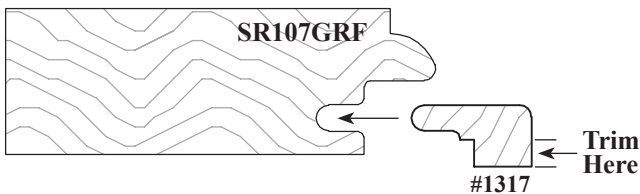
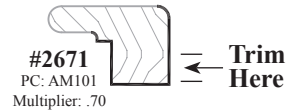
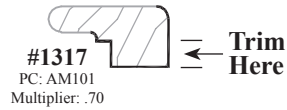
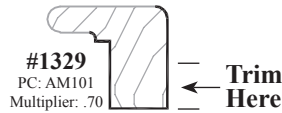
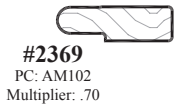


► **For PRICING** ► See **Section B12** in our Wholesale Pricing Catalog.

Wood Retainer Molding (Cut to Size)

For 3/4" Doors

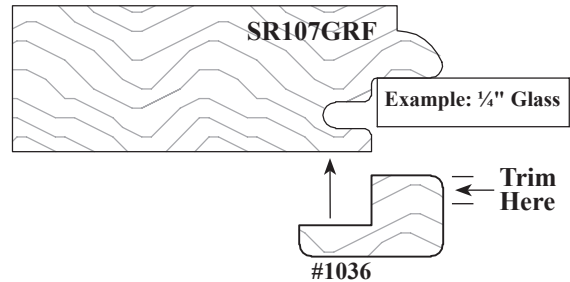
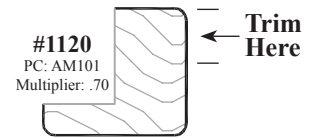
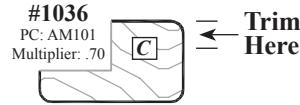
For 1" Doors



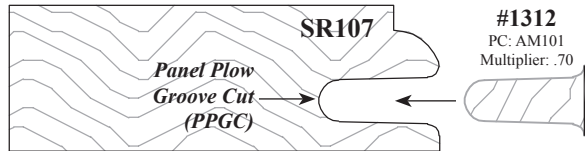
Wood Retainer Molding (Cut to Size)

For 3/4" Doors

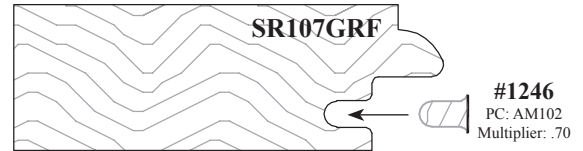
For 1" Doors



Wood Tenon Filler Molding (Cut to Size)



"GRF" Wood Filler Molding (Cut to Size)



Wood Retainer Molding Notes

1)	Pricing	Please see <i>Section B12</i> of the Wholesale Pricing Catalog .
2)	Cut to Size Wood Retainer Moldings	All GRF "Traditional" and "Mitered" Stile and Rail Profiles will accept wood retainer moldings in Frame Price Classes 101, 103, 108, 132, 301, 303, 115 and 117.
		Wood Retainer can be used in place of Rubber Retainer in straight Stile and Rail parts. You may pin precision cut wood retainer moldings in place, to create a stationary panel for combination frame and panel doors. (<i>Rubber retainer can be used to install glass in the frame portion.</i>)
3)	#1317, #1329, #2369 #2671 Moldings	Fit into the GRF cut of the Stile and Rail profile and are designed to be used with 1/8" materials. #2671 designed for use with the SR123, SR145, SR146, SR157, SR160 .
4)	#2368 Molding	Designed to be used as a wood retainer molding for true divided mullion lites. Only available with the following mullion lite patterns: LP001, LP108, LP109, LP110, LP118, LP128, LP131. Please submit requests for this application to our Customer Support Team.
5)	#1036, #1120 Moldings	Designed for use as a wood retainer molding that is fastened to the rear of the 3/4" frame and can be trimmed to size, to accommodate materials thicker than 1/8". The #1120 molding would be used for 1" thick frames.
6)	#1312 Molding	The illustration above shows an example of how this molding fits into the tenon of the Stile and Rail profile. Designed to fill the tenon PPGC (Panel Plow Groove Cut) of any stile and rail profile, for your custom frame requirements. For use with 3/4" or 1" thick doors.
7)	#1246 Molding	The illustration above shows an example of how this molding fits into the GRF groove of the Stile and Rail profile.
		Designed to fill the void for the GRF groove in the Stiles and Rails of frame and mullion doors. For use with 3/4" or 1" thick doors.

► For PRICING ► See Section B12 in our Wholesale Pricing Catalog.