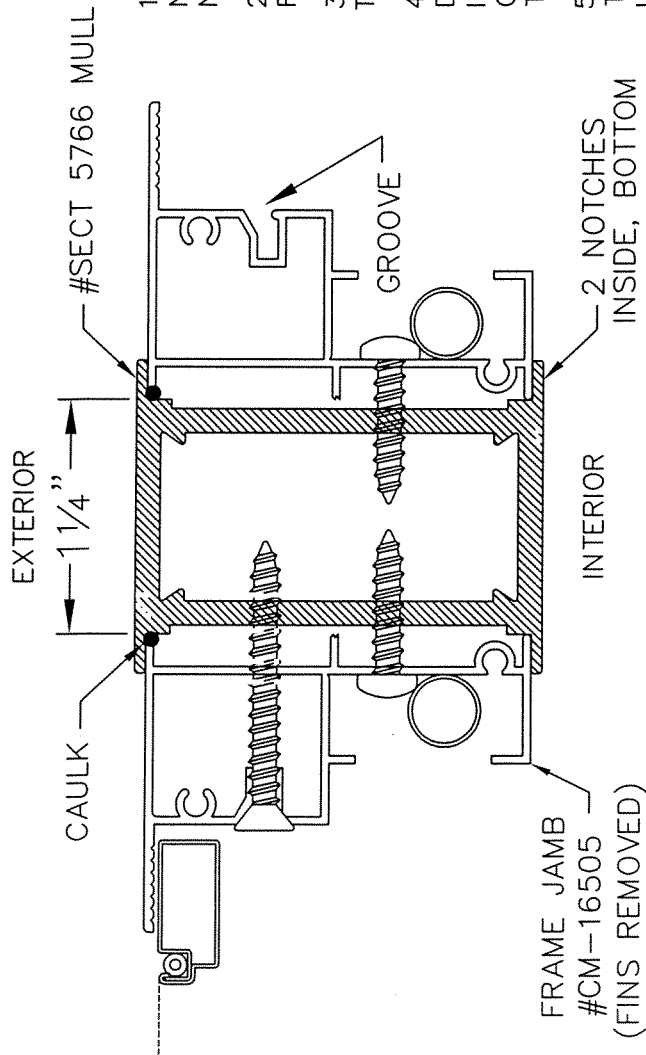


# Series V43 STRUCTURAL VERTICAL MULLION 165 SH & PW - NAIL FIN FRAME -

CAUTION: THIS MULL IS OVER 1" WIDER THAN "REGULAR" MULLS - ADJUST ROUGH OPENINGS ACCORDINGLY.

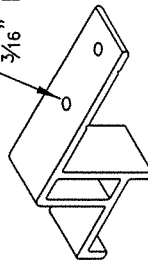


## INSTRUCTIONS:

- 1) REMOVE NAIL FIN ON JAMBS OF ADJACENT WINDOWS. NOTE: IT IS HELPFULL TO SCORE THE BREAK-OFF GROOVE IN THE NAILING FIN WITH A UTILITY KNIFE BEFORE REMOVING FIN.
- 2) RUN A FULL LENGTH SMALL BEAD OF CAULK DOWN THE FULL LENGTH OF THE MULLION (2 PLACES; OUTSIDE).
- 3) POSITION MULLION BETWEEN THE UNITS, MAKING SURE THAT THE TWO NOTCHES ON THE MULL PROPERLY FIT THE SILL.
- 4) WITH A 3/16" BIT, DRILL 3 HOLES IN EACH JAMB: ONE 6" DOWN FROM THE HEAD, NEXT TO THE SASH BALANCE, AND TWO IN THE GROOVE IN THE LOWER HALF OF THE JAMB. TAKE CAUTION NOT TO DRILL THROUGH THE MULL. RE-DRILL THROUGH THESE HOLES INTO THE MULL WITH AN 1/8" BIT.
- 5) INSTALL SCREWS AS SHOWN. NOTE: IT MAY BE NECESSARY TO COUNTERSINK THE LOWER SCREWS SLIGHTLY TO AVOID INTERFERENCE WITH THE SCREEN.

SERIES 165 SINGLE HUNG OR FIXED MULLIED SIDE BY SIDE

DRILL 2  
3/16" HOLES



## STANDARD HEIGHTS

WINDOW HT.	MULL HT.
2-0	23 3/16"
3-0	35 13/16"
4-0	47 13/16"
4-4	51 13/16"
5-0	59 13/16"
6-0	71 13/16"

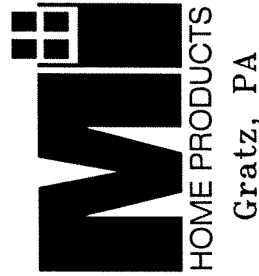
SERIES 165 (STRUCTURAL) NAIL FIN MULL KIT:

- (1) MULL BAR #FAB5766A (SECTION #5766)
- (2) END CLIPS

RECOMMENDED SCREWS (BY OTHERS):

- (4) #10 X 1 1/2" PHILLIPS FLAT HD. SHEET METAL SCREW
- (2) #8 X 3/4" PHILLIPS PAN HD. SHEET METAL SCREW

Note: See reverse side for fastener requirements to attach brackets.



**MI HOME PRODUCTS****V43****VERTICAL MULLION DESIGN LOAD CAPACITIES**

CA000023-A

FOR ALUMINUM V43 TUBE MULLION (DIE # 5766; APROX. SIZE: 1 5/8" X 2 1/8" X 1/8")

04-Oct-2001

WHEN USED TO MULL FIN FRAME WINDOWS

01-1004

WDW. WTH. > MULL SPAN V	24.000	30.000	36.000	37.000	42.000	48.000	53.125
36.000	240.0	218.2	213.3	213.3	213.3	213.3	213.3
42.000	192.0	171.4	160.0	160.0	157.4	157.4	157.4
48.000	160.0	139.1	128.0	126.3	121.5	120.0	120.0
50.625	150.0	129.7	117.1	115.7	111.6	107.9	107.9
54.000	137.1	118.5	106.7	105.5	100.0	96.0	95.0
60.000	117.5	100.3	89.5	88.2	82.6	78.3	76.2
63.000	100.3	85.3	75.8	74.6	69.6	65.6	63.4
72.000	65.3	55.0	48.4	47.5	43.9	40.8	38.9

**NOTES:**

- \* CHART APPLIES ONLY TUBE MULLION #5766 WHEN USED TO VERTICAL MULL SERIES 165 SINGLE HUNG OR FIXED WINDOWS.
- \* READ WINDOW WIDTH AND MULL SPAN IN INCHES.
- \* WINDOW WIDTH DIMENSIONS REPRESENT THE WIDTH OF EACH WINDOW IN A SINGLE OPENING, NOT THE OVERALL WIDTH OF THE OPENING.
- \* DESIGN PRESSURE VALUES ARE NOT LIMITED TO TWO WINDOWS IN A SINGLE OPENING, AND APPLY WHERE ANY NUMBER OF MULLIONS ARE EMPLOYED IN A SINGLE OPENING.
- \* DESIGN PRESSURE VALUES ON THIS CHART ARE IN PSF.
- \*  $D_{max} = L/175$
- \* MULLION MUST BE ANCHORED TO SUBSTRATE WITH CLIP NUMBER SECT5795 USING TWO #10 X 1-1/2 SCREWS IN WOOD OR TWO 3/16 IN DIA. X 1-1/2 RAWL TAPPERS OR APPROVED EQUAL IN MASONRY OR CONCRETE.

PREPARED BY:

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