

T Bar vs Common Mull

Glossary

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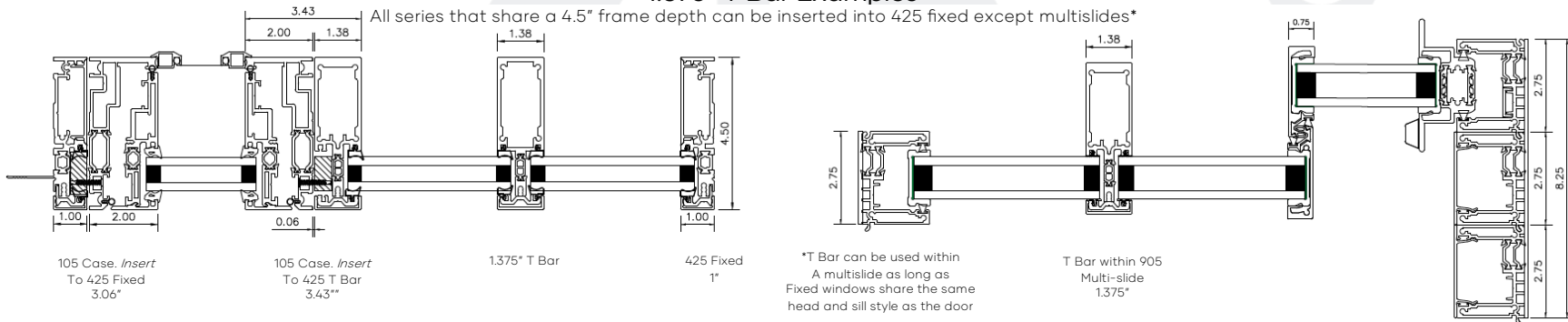
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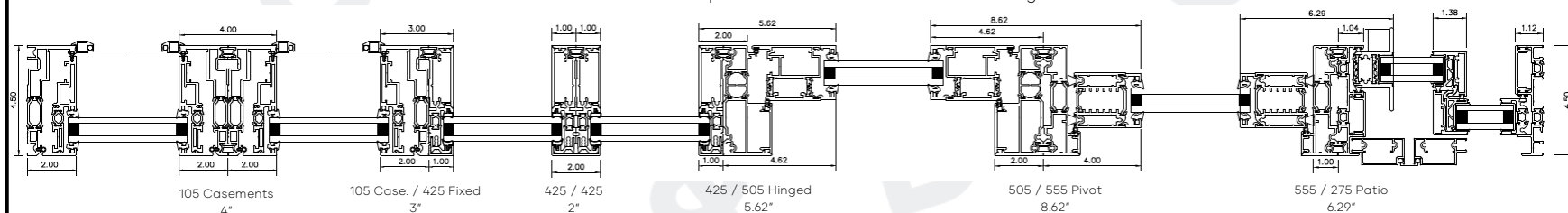
1.375" T Bar Examples

* All series that share a 4.5" frame depth can be inserted into 425 fixed except multislides*



Common Mull Examples

All series that share a 4.5" depth frame can be common mulled together



Series 425 T Bar and Inserted products

All Awake casements, awnings, patio doors hinged doors, pivot doors, gas strut awnings can be inserted into the fixed window system divided by our 1.37" T Bar.

425 1" Perimeter frame w/ 1.37" T Bar
Interior View



Fig 1.2

Vertical Jamb Fixed to Case.

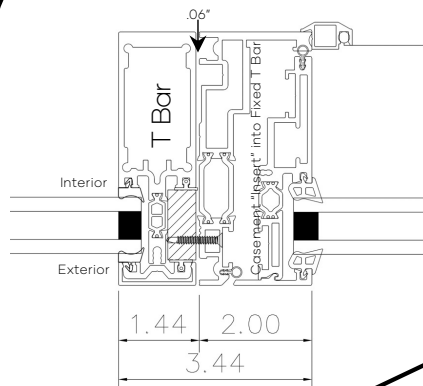


Fig 1.3

Sill, Head, RH Jamb

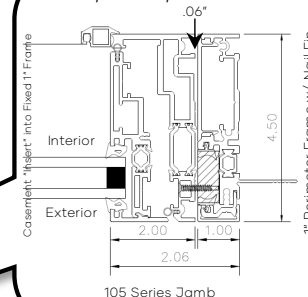
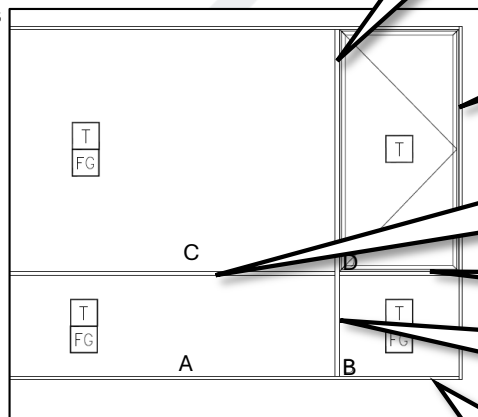


Fig 1.5



425 1" Perimeter frame w/ 1.37" T Bar
Exterior View (lite code 22)
All Awake elevations viewed from exterior

Fig 1.4

Horizontal T Bar

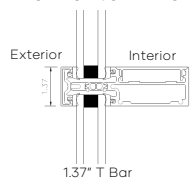


Fig 1.6

Sill Casement to Fixed

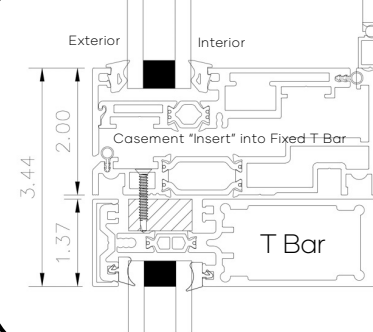
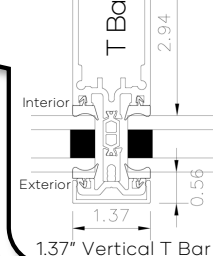


Fig 1.7

T Bar



425 Series 1" Frame

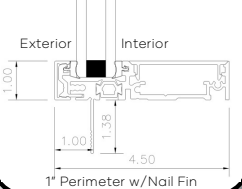


Fig 1.8

Common Mull

*All Awake Casements, Awnings, Patio Doors, Hinged Doors, Pivot Doors, Gas Strut Awnings
Can Be Common Mull'd together Vertically Or Horizontally

*Series 905 Multi-slides Jamb, Head & Sills Change Depth Depending On The Number Of Panels
Therefor Cannot Be Directly Mull'd to Other Products*

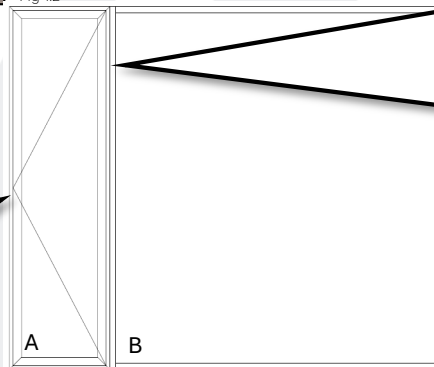
Fig 1.1



Photo Is Interior View

425- 1" Fixed to 105 Push Out Casement
(same frames are used for crank out)

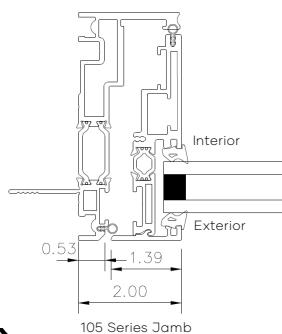
Fig 1.2



105 Casement Mull'd to
425 Fixed window 1"
Exterior View (lite code 11)

Fig 1.3

Sill, Head, LH Jamb



105 Series Jamb

Fig 1.4

105 Series Push Out
Casement to 425 Fixed

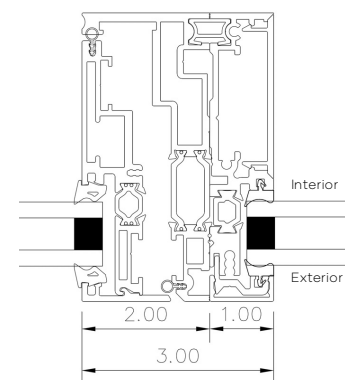
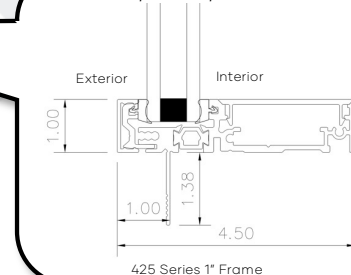


Fig 1.5

Sill, Head, RH Jamb

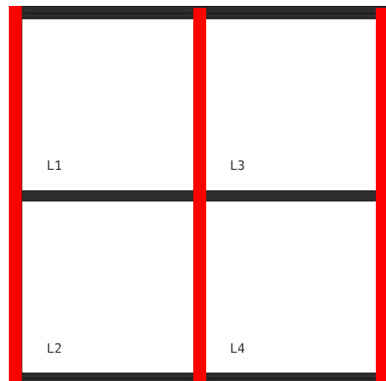


425 Series 1" Frame

Common Mull

2W2H Common Mull-
All Fixed

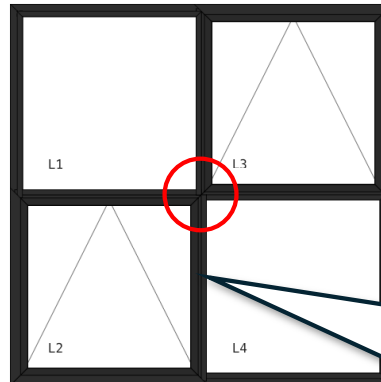
Fig. 1.1



A common mull with 4 intersecting points as seen in Fig 1.1 using fixed windows will be built by default with the **vertical jambs** running through for strength in the unit.

2W2H Common Mull – Fixed &
Awning

Fig. 2.1



A common mull with 4 intersecting points as seen in Fig 2.1 using fixed windows over & under an awning would create a weak point between the intersecting frames.

***Awake has a solution see Fig 2.2 ***

Fig. 2.3

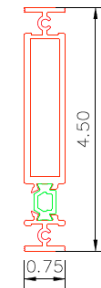
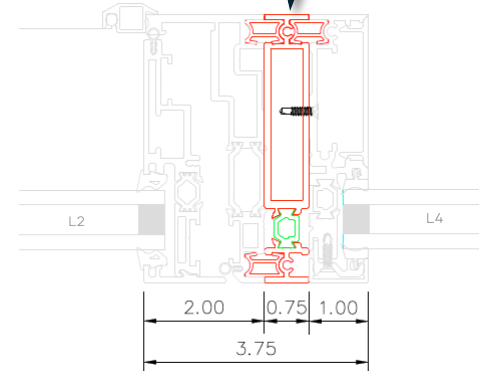


Fig. 2.2

.75" Mull Bar between
Casement & Fixed



The Only time Awake will build units in factory as common mulls is when 2 fixed units are stack above or below another fixed unit. See Fig 1.1 - L2 & L1 as example

All other series will be shipped separate as a field mull
Please see Page 5 for when to expect series 425 T Bar & Common Mull units to be shipped as field glazed

Common Mull & T Bar/Common Hybrid

2 units that look similar but built differently

Fig. 1.1-Built like 3.1



Photo Is Interior View

Fig. 2.5

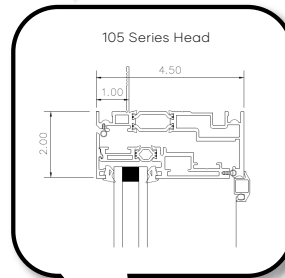


Fig. 2.2

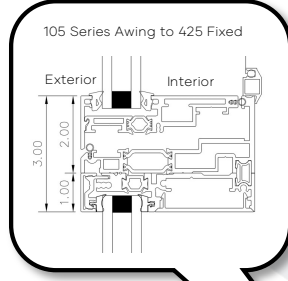
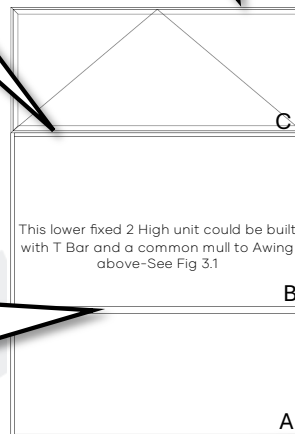


Fig. 2.1



This lower fixed 2 High unit could be built with T Bar and a common mull to Awing above-See Fig 3.1

Fig. 2.3

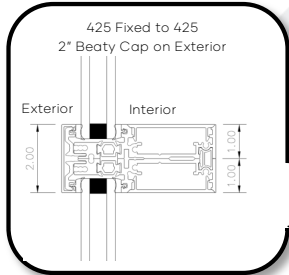
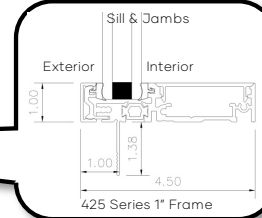


Fig. 2.4



All Awake elevations viewed from exterior
**Common Mull Awning over
2 Common Mull Fixed Windows**
(lite code 3)

Fig. 3.2

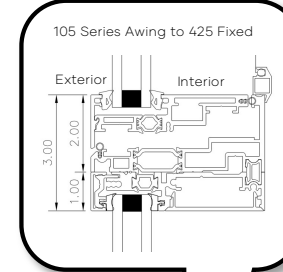


Fig. 3.4

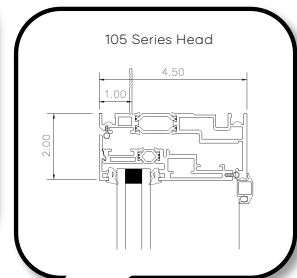
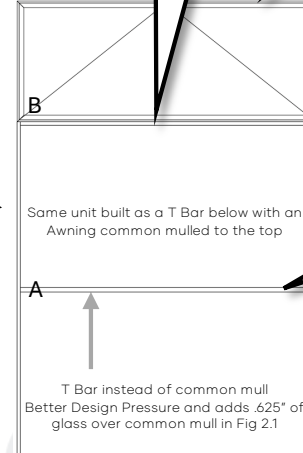


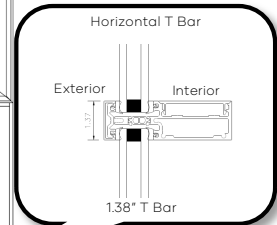
Fig. 3.1



Same unit built as a T Bar below with an Awning common mull to the top

T Bar instead of common mull
Better Design Pressure and adds .625" of glass over common mull in Fig 2.1

Fig. 3.3



All Awake elevations viewed from exterior
**Awning Common Mull over
Horizontal T Bar**
Built as a common mull (lite code 2)
Bottom unit 425 Fixed (lite code 2)

FAQ

When will 425 Series fixed systems come KD (knocked down) and/or field glazed?

KD Frame & Field Glazed – When any of the following is true:

- Short side is greater than 96"
- Long side is greater than 240"
- Any butt glazed corner units

Factory assembled frame & field glazed- When any of the following is true:

- Long side greater than 168"
- Glass greater than 100sq ft.

All 425 series using 1.375" T Bar-Will come factory assembled frame & glass

Except when the following is true:

- Long side greater than 144"
- Glass is greater than 60sq ft.

Common Mull – Horizontal and Vertical

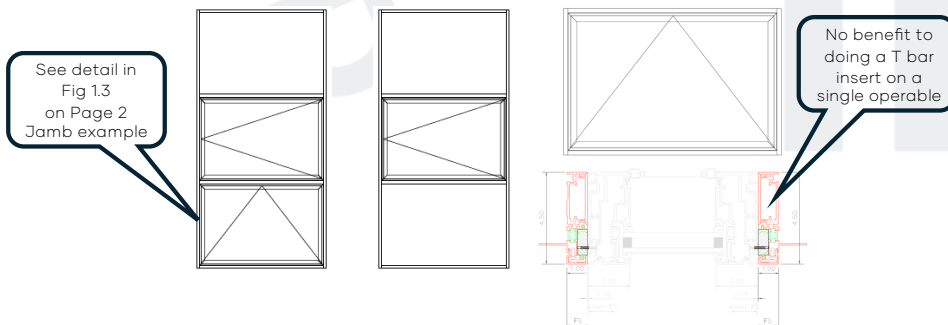
Only 425 fixed windows that share the same jamb, head & sill style can be built as 1 unit glazed in the factory if it falls under the dimensions listed above.

For example, if you have a 1w2h Fixed window Awake will build this as one unit (factory glazed) with the jambs running vertically (assuming it's smaller than the rules for dimensions listed above) through to the head. A 2w1h when requested or required can have the horizontal head & sill run through.

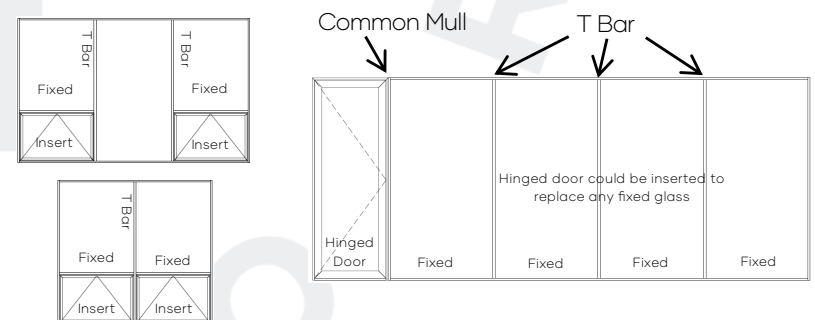
Products 1w2h such as a casement window with a fixed above or below will be shipped for vertical field mulling.

Be aware that building a unit with T Bar inserts when not required can add a substantial cost to a unit if not required.

Examples of T Bar inserts that only add cost and aluminum



Examples of T Bar inserts that that make sense



If you'd like to learn more about the options available or have any questions concerning how products will be built, please reach out to your Awake Representative to set up training.