MLEDIT command

The **MLEDIT** command is used to edit cross point, break point, and vertex of multiple lines.
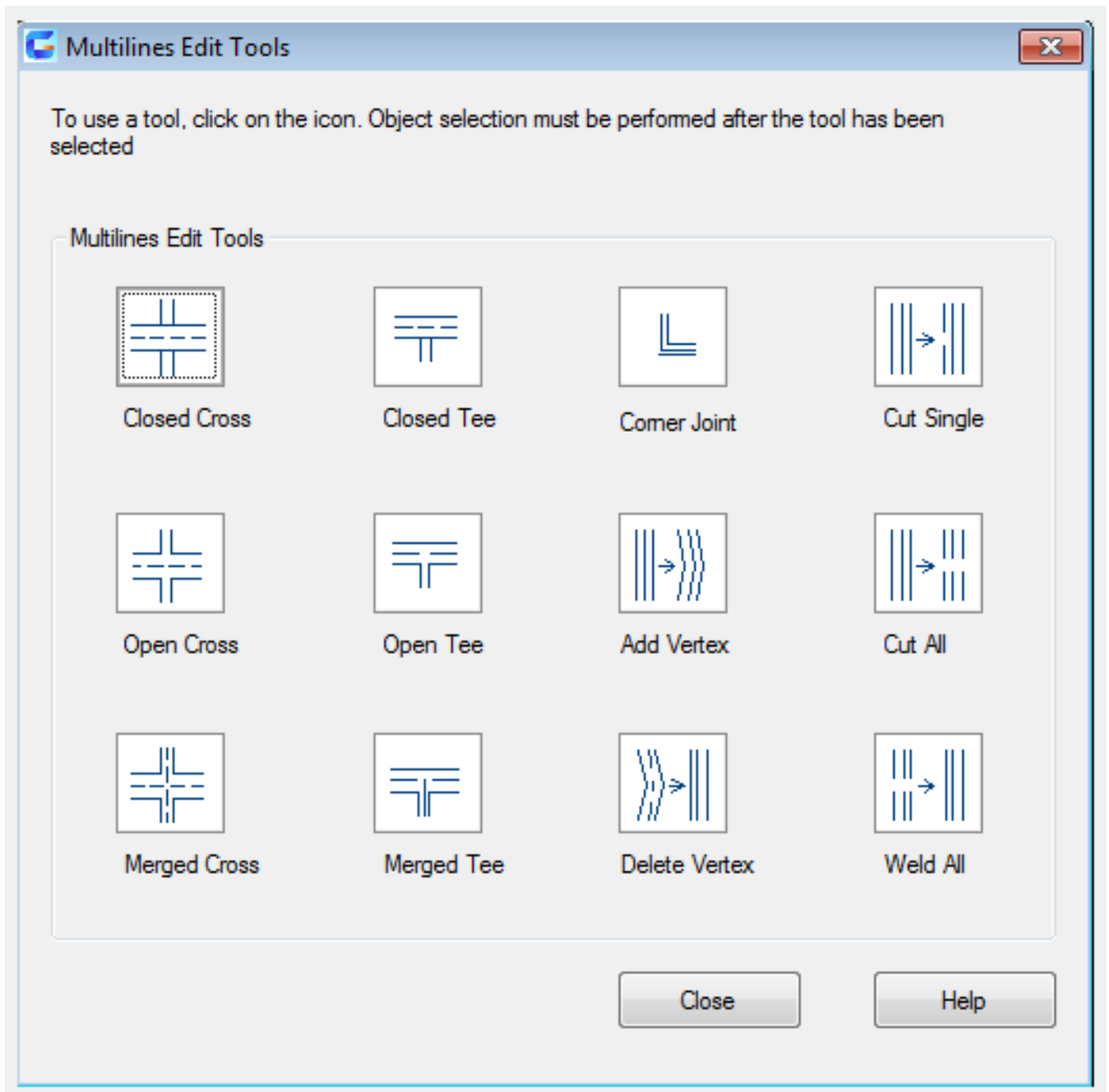
Command Access:

Menu : Modify > Object > Multiline…
Command : MLEDIT

Command Prompts:

Select the first Mline: Select the second Mline:

Function Description:

Inputting "-mledit" under command prompt, it will display options.

Dialog Box Description:

This dialog box displays four rows of examples to show multiline tools. The first row shows cross multilines; the second row shows Tee multilines; the third row shows corner joint and vertex in multilines; the forth row shows cut in multilines.
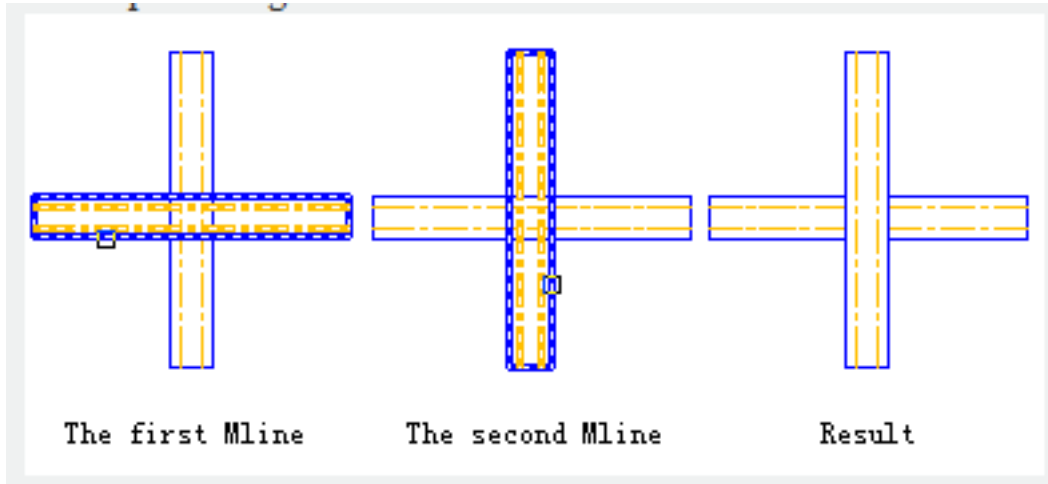
Relative Glossary:

Closed Cross:
Create a closed cross between two Mlines.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the closed cross

The first Mline   The second Mline   Result
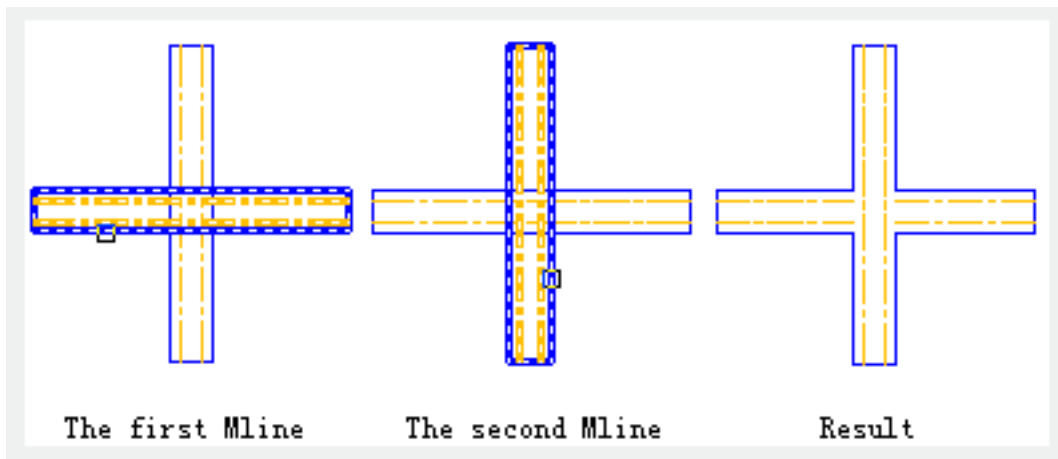
Open Cross

Create an open cross between two intersected Mlines. It will break all lines of the first Mline and the second Mline.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the open cross.

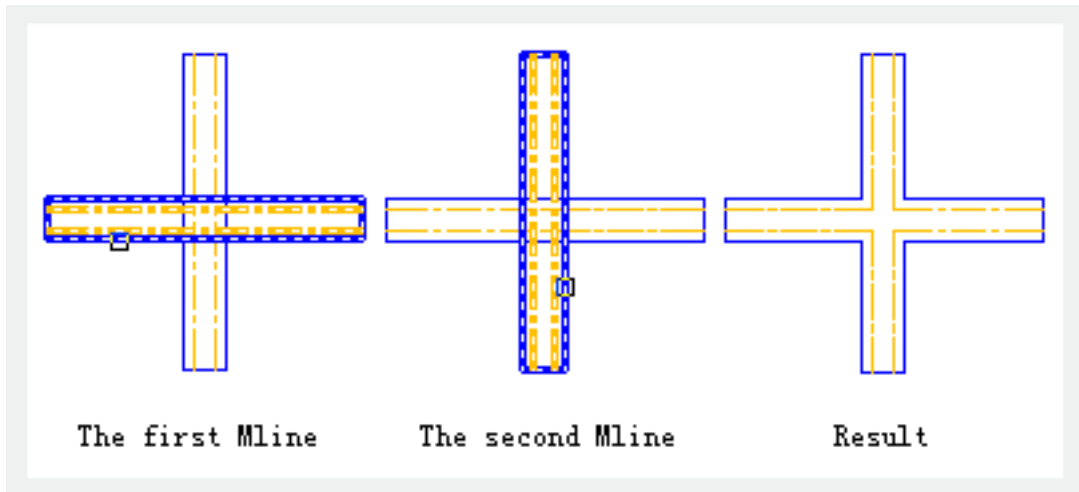The first Mline   The second Mline   Result

Merged Cross

Create a merged cross between two intersected Mlines. The order of selection is not important.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the merged cross.

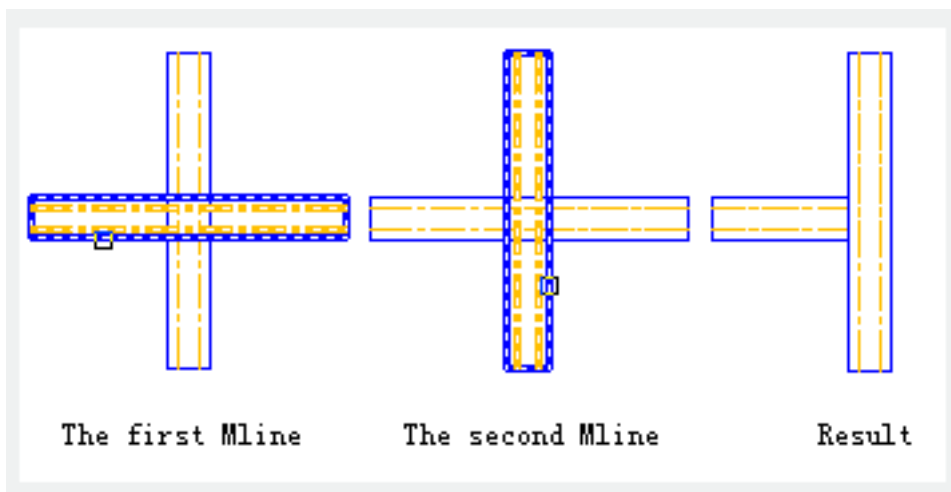The first Mline   The second Mline   Result

Closed Tee

Create a closed Tee between two intersected Mlines. The first Mline will be trimed or extended to the intersection point of the second selected Mline.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the closed Tee.

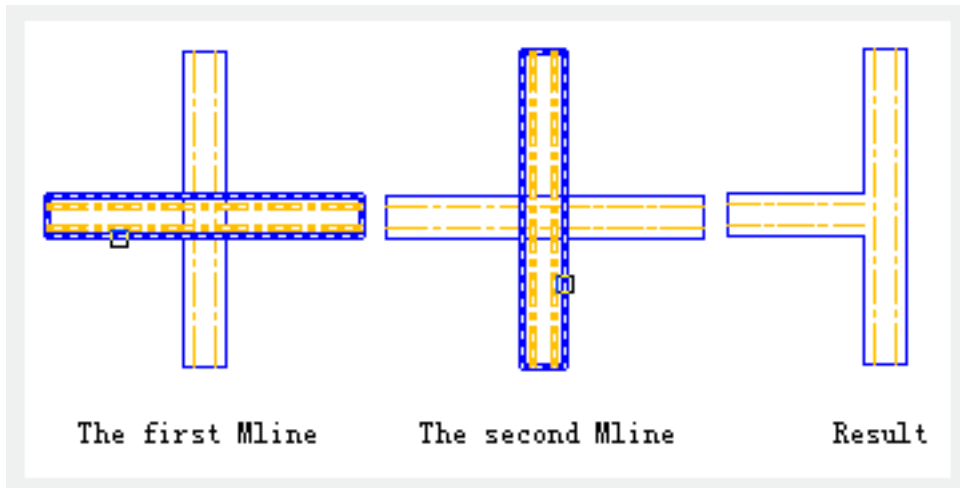The first Mline   The second Mline   Result

Open Tee

Create an open Tee between two intersected Mlines. The first Mline will be trimed or extended to the intersection point of the second selected Mline.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the open Tee.

The first Mline   The second Mline   Result

Merged Tee
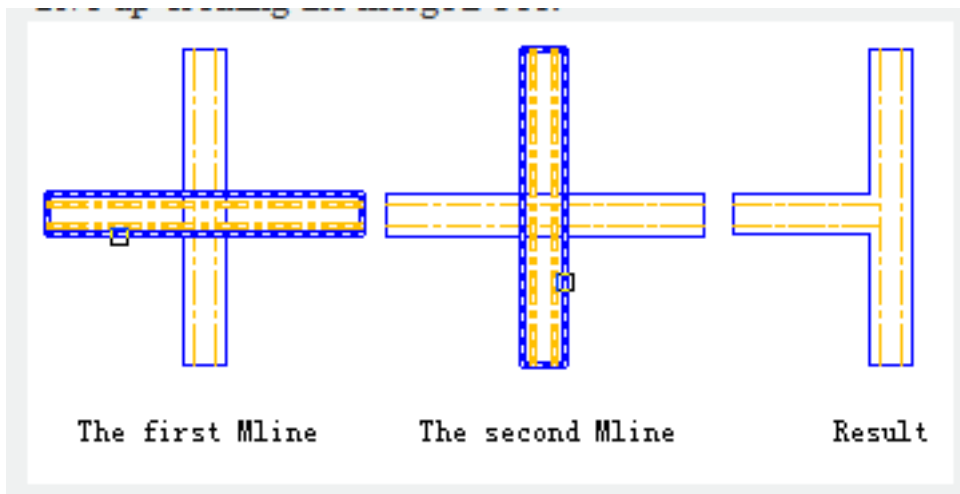
Create a merged Tee between two intersected Mlines. The first Mline will be trimed or extended to the intersection point of the second selected Mline.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
Undo : Give up creating the merged Tee.

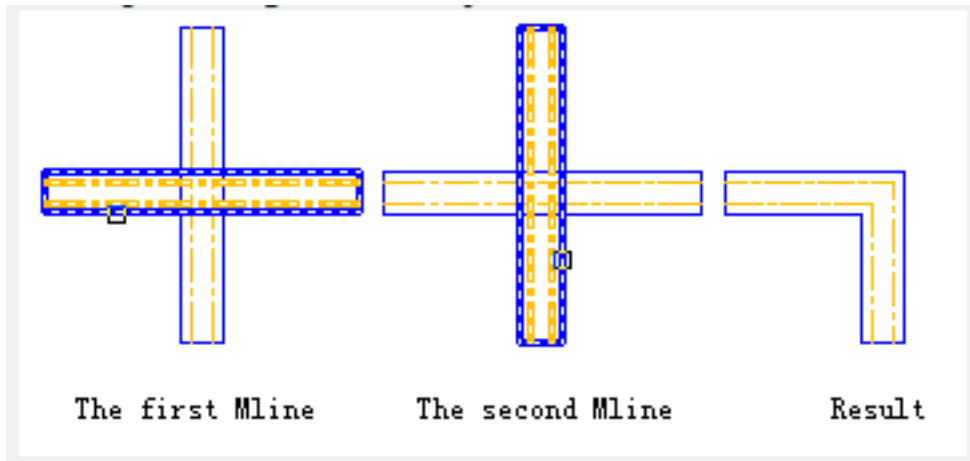The first Mline   The second Mline   Result

Corner Joint

Create a corner joint between two intersected Mlines. Trim or extend Mlines to their intersection point.

Select the first Mline : Select the first Mline.
Select the second Mline : Select the second Mline which intersect with the first selected Mline.
Select the first Mline : Edit the Mline.
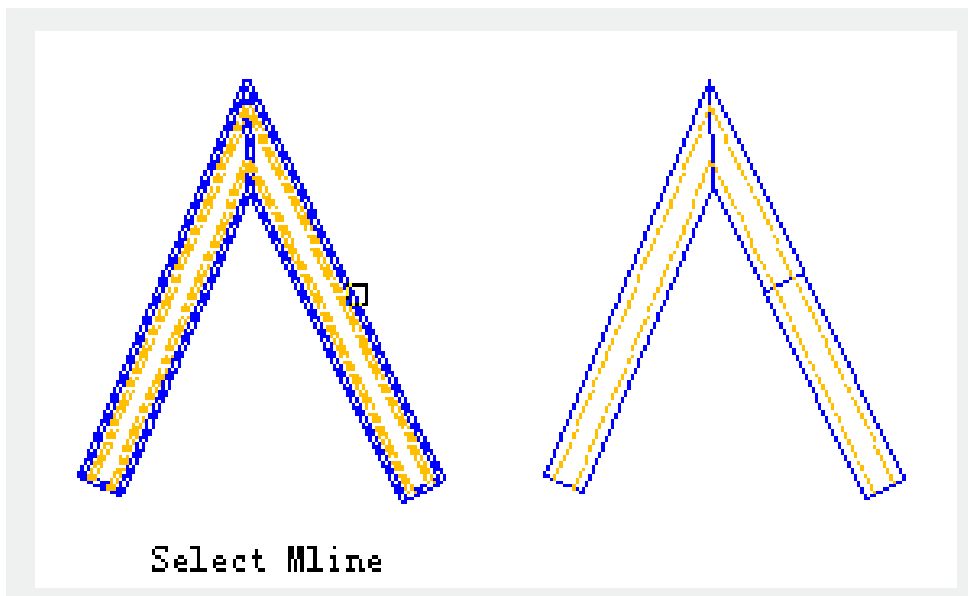**Undo :** Give up creating the corner joint.

The first Mline   The second Mline   Result

Add Vertex
Add a vertex to a Mline.

Select Mline : Select a Mline.
Select Mline : Edit a Mline. It repeats prompting "Select Mline".
Undo : Give up adding a vertex.
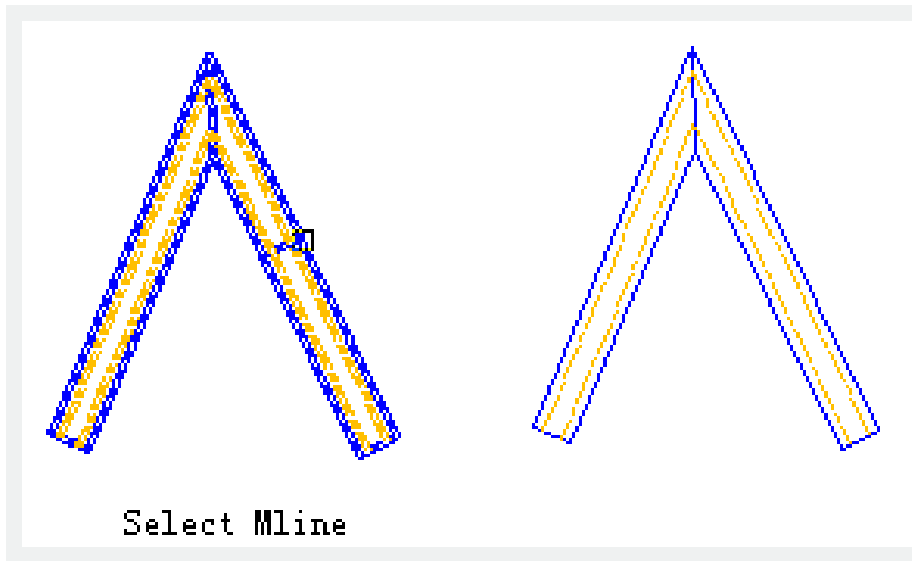

Select Mline

Delete Vertex
Delete a vertex from selected Mline.

Select Mline : Delete the nearest vertex of selected Mline.
Select Mline : Edit a Mline. It repeats prompting "Select Mline".
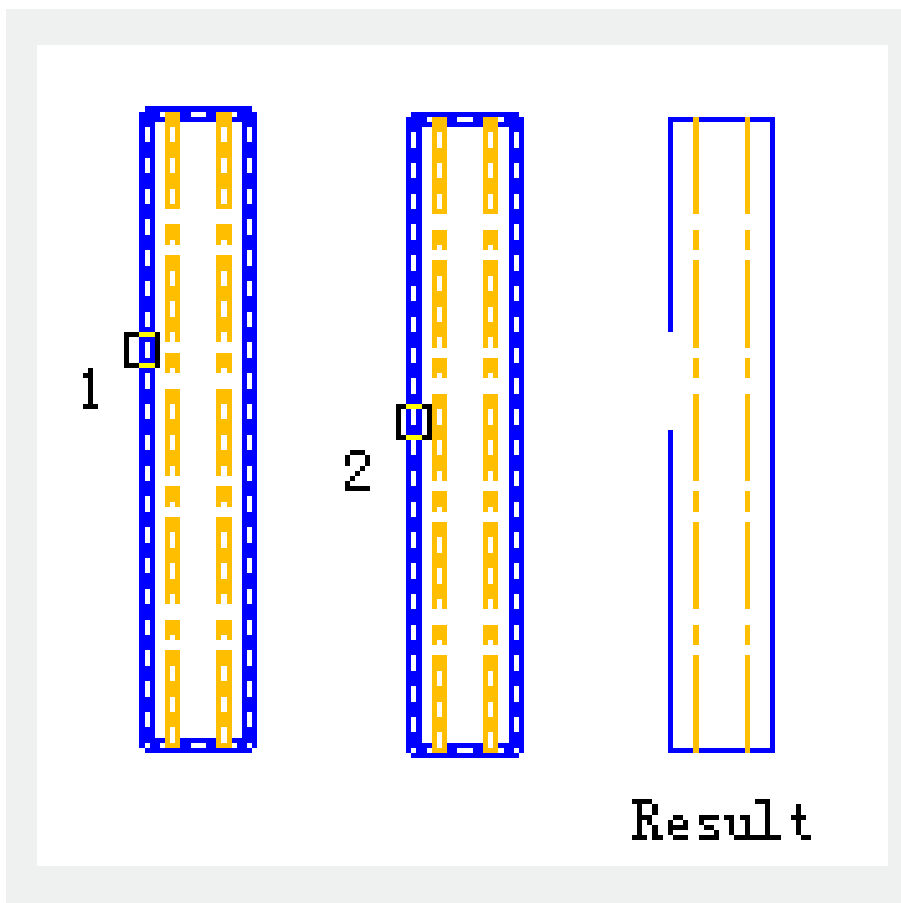**Undo :** Give up deleting a vertex

Select Mline

Cut Single

Break the selected Mline and create a visible cut.

Select Mline : Select one point on the Mline as the first cut point.
Get the second Point : Specify the second cut point.
Select Mline : Edit a Mline. It repeats prompting "Select Mline".
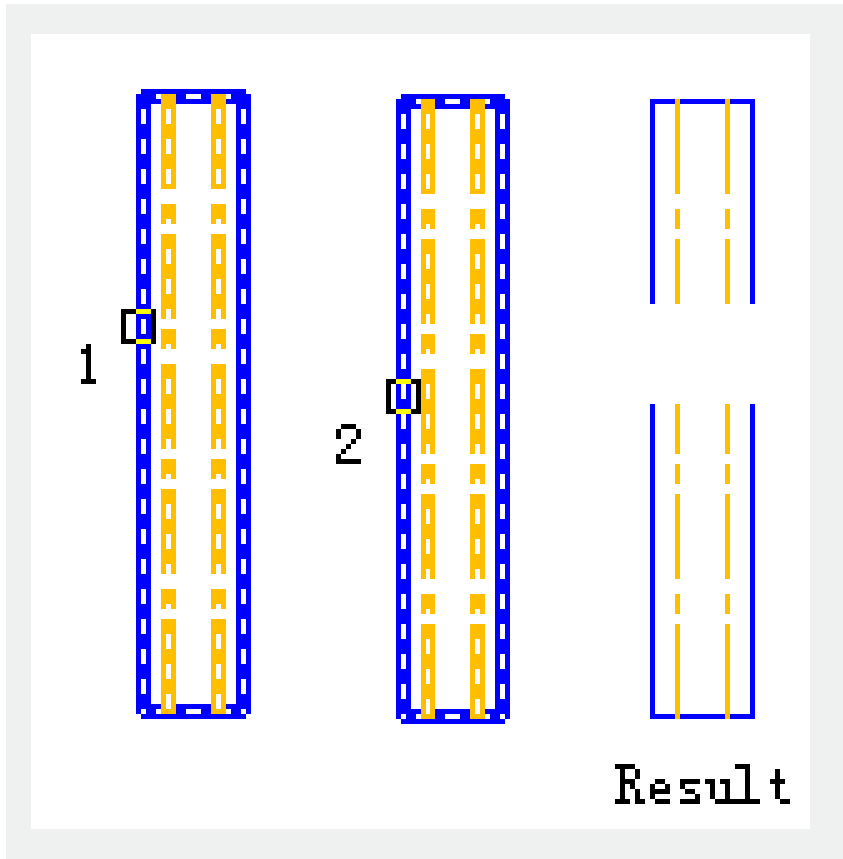**Undo :** Give up breaking the Mline

Result

Cut All

Break the the whole Mline and create a visible cut.

Select Mline : Select one point on the Mline as the first cut point.
Get the second Point : Specify the second cut point.
Select Mline : Edit a Mline. It repeats prompting "Select Mline".
Undo : Give up breaking the Mline.

Weld All
Weld the broken Mline.

Select Mline : Select one point on the Mline as the first weld starting point.
Get the second Point : Specify the second weld point.
Select Mline : Edit a Mline. It repeats prompting "Select Mline".
Undo : Give up welding the Mline.

Result