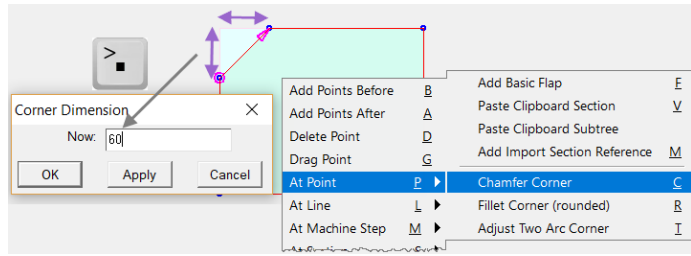


FreeForm – Chamfer, Fillet and Adjust Two Arc Corner

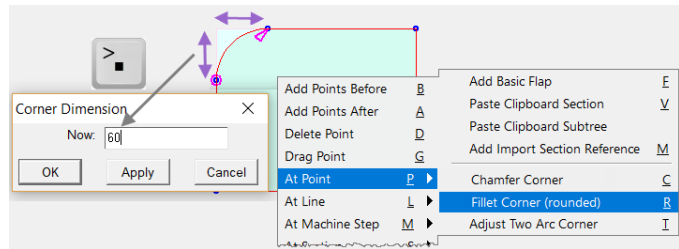
Chamfer Corner

The corner point converts to 2 points joined by a **diagonal line**. Move the cursor perpendicular to the diagonal line to choose the amount of chamfer. Left click to select the current value.




Fillet Corner (rounded)

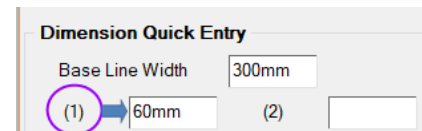
The corner point converts to 2 points joined by an **arc**. Move the cursor perpendicular to the arc to choose the amount of fillet. Left click to select the current value.



Dimension to Exact Measurement


There are 2 ways to get the exact measurement, in this example 60mm. Note that the numeric value is the distance from the original corner to each of the new points.

1. During this process, press 'full stop'  to open a dialog for selecting the chamfer or fillet amount numerically.
2. To snap the chamfer or fillet amount to a **Dimension Quick Entry** value, just select the 1 to 9 digit hotkey that relates to the required measurement.




Note: Since chamfering and filleting destroy the original corner point the chamfer or fillet amount cannot be adjusted after the command is terminated (except by undoing the command).

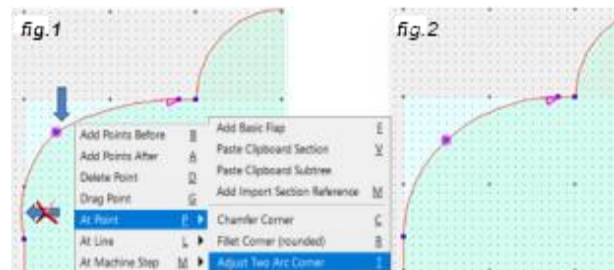
Adjust Two Arc Corner

This command can be used fix and smooth the tangent fit of a two arc corner after the adjacent lines are changed, as per this example. The diagram, (*fig.1* arrow ) shows that the curve is not smooth.

To fix ...

- right click the point of the curve line shown in *fig.1* , and
- from the context menu **P** > **I** Adjust Two Arc Corner.

The result is shown in *fig.2*.



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CURVES AND FILLETS

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