

12.Geometry.CreatePlate

This function adds a plate in the structure between existing nodes. The difference between CreatePlate and AddPlate is the former has an option to label the plate with any user-defined number.

VB Syntax

Geometry.CreatePlate *nPlateNo, NodeA, NodeB, NodeC, NodeD*

Geometry.CreatePlate *nPlateNo, NodeA, NodeB, NodeC*

Where:

nPlateNo

A long variable containing the number to assign the newly created plate.

NodeA, NodeB, NodeC, NodeD

Long variables, provide element connectivity. ***NodeD*** is not used for triangular (3-noded) elements.

13.Geometry.DeletePlate

Deletes a specified plate element.

VB Syntax

Geometry.DeletePlate *PlateNo*

Where:

PlateNo

A long variable containing the plate number to be deleted from the structure.

14.Property.AssignPlateThickness

Assigns thickness to plate.

VB Syntax

Property.AssignPlateThickness *PlateNo, PropertyNo*

Where:

PlateNo

Integer variable providing the plate number.

PropertyNo

Integer variable providing the property reference number.

