

ANSYS - 3D Curved Beam step 7

Problem Specification

1. Start-up and preliminary set-up
2. Specify element type and constants
3. Specify material properties
4. Specify geometry
5. Mesh geometry
6. Specify boundary conditions
7. **Solve!**
8. Postprocess the results
9. Validate the results

Step 7: Solve!

Enter Solution Module:

Main Menu > Solution

Enter check in the *Input* window. If the problem has been set up correctly, there will be no errors or warnings reported. If you look in the *Output* window, you should see the message: The analysis data was checked and no warnings or errors were found.

Main Menu > Solution > Solve > Current LS

Review the information in the */STATUS Command* window. Close this window.

Click **OK** in *Solve Current Load Step* menu.

ANSYS performs the solution and a window should pop up saying "Solution is done!". Close the window.

Verify that ANSYS has created a file called *cbeam.rst* in your working directory. This file contains the results of the (previous) *solve*.

[Go to Step 8: Postprocess the results](#)

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