

ANSYS Class3 Error Report**ERROR NO:**

2012-09

Keywords:

PIPE288 PIPE289 KEYOPT(6)=1 EFFECTIVE TENSION

Description of Error:

The 'Effective Tens' output quantity is incorrect for pipe element types PIPE288 and PIPE289 when KEYOPT(6) is set to 1, which causes pressure loads not to be applied to end caps. The error is that, for the purposes of computing the effective tension, the pressure loads are always applied to the end caps. All other results are correct.

Typical GUI Path(s):

Main Menu>Preprocessor>Element Type>Add/Edit/Delete

Other Comments:

For these element types, KEYOPT(6)=1 is rarely used

First Incorrect Version:

Release 12.0

Corrected In:

Release 14.5

Suggested User Action For Running on Uncorrected Version:

Ignore the output quantity 'Effective Tens' for this case.

Author Signature:

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Reviewed By QA:

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Approval:

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