Example 8: screw drill

Objective: Observe the delamination and in-
   plate failure in laminate.
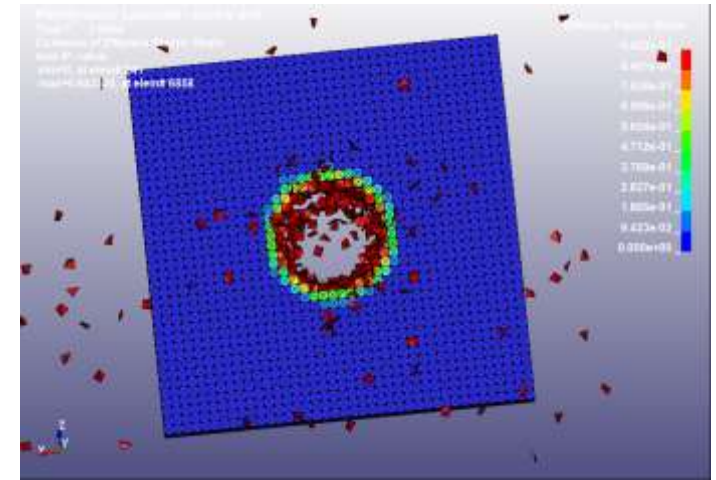
Filename: *ex8screw_drill.k*

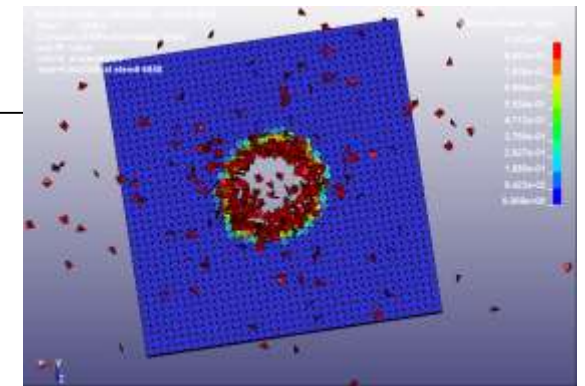*Damage pattern, top view*

Description:

A laminate plate is drilled by a rigid screw. Complex damage patterns are
formed in the plate automatically.

You are expected to do the following studies by *beta version of executeable* :

1.   .Copy *ex8screw_drill.k* to directory example8.
2.   Obtain the results.
3.   In ls-prepost, click **Fringe Component -> effective plastic strain**. Here the
     effective plastic strain indicates the damage value in peridynamics. Play the
     animation.
4.   In ls-prepost, click **Fringe Component -> Misc-> History Var #1** for
     inplate damate and Var#2 for delamination.

Damage pattern, bottom view