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Numerical prediction of the ductile damage in single point incremental forming process

L. Ben Said , J. Mars , M. Wali , F. Dammak

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Highlights

- Deformation mechanism and damage evolution in ISF process are investigated
- a coupled anisotropic plasticity and continuum ductile damage models is adopted.
- A VUMAT is employed to implement the material behavior.
- Capability of the FE modeling to predict the material deformation process is investigated.

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