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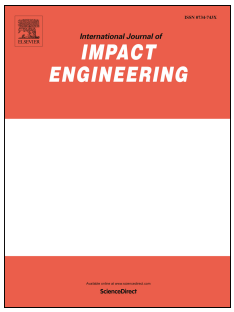

Ballistically Equivalent Aluminium Targets and The Effect of Hole Slenderness Ratio on Ductile Plate Perforation

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***Highlights (for review)**

- Ballistically equivalent metals for ductile plate perforation have been defined
- A closed-form logarithmic expression for the specific cavitation energy is suggested
- A closed-form ballistic limit formula is suggested and verified with experiments
- Ballistically equivalent targets for ductile plate perforation have been defined
- The ballistic limit formula is extended to multilayered targets with air gaps