

## Accepted Manuscript

A comment on the maximum dynamic tensile strength of a concrete-like material

F.Q. Zhao , H.M. Wen

PII: S0734-743X(17)30511-0  
DOI: [10.1016/j.ijimpeng.2018.01.009](https://doi.org/10.1016/j.ijimpeng.2018.01.009)  
Reference: IE 3060



To appear in: *International Journal of Impact Engineering*

Received date: 13 June 2017  
Revised date: 31 October 2017  
Accepted date: 11 January 2018

Please cite this article as: F.Q. Zhao , H.M. Wen , A comment on the maximum dynamic tensile strength of a concrete-like material, *International Journal of Impact Engineering* (2018), doi: [10.1016/j.ijimpeng.2018.01.009](https://doi.org/10.1016/j.ijimpeng.2018.01.009)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- The dynamic uniaxial tensile strength of a concrete-like material has a limit (maximum) value at very high strain rate.
- The physical meaning of the maximum dynamic uniaxial tensile strength of a concrete-like material due to strain rate only is discussed.
- The maximum dynamic uniaxial tensile strength can be determined by the maximum dynamic shear stress through the SWT technique.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7172951>

Download Persian Version:

<https://daneshyari.com/article/7172951>

[Daneshyari.com](https://daneshyari.com)