University of Rhode Island

DigitalCommons@URI

Open Access Master's Theses

2021

DYNAMIC RESPONSE OF ADDITIVELY MANUFACTURED 17-4PH1100 SS TO SHOCK LOADING GENERATED BY PLATE IMPACT EXPERIMENTS

Mark Keenan

University of Rhode Island, mark_keenan@uri.edu

Follow this and additional works at: <https://digitalcommons.uri.edu/theses>

Recommended Citation

Keenan, Mark, "DYNAMIC RESPONSE OF ADDITIVELY MANUFACTURED 17-4PH1100 SS TO SHOCK LOADING GENERATED BY PLATE IMPACT EXPERIMENTS" (2021). *Open Access Master's Theses*. Paper 1931.

<https://digitalcommons.uri.edu/theses/1931>

This Thesis is brought to you for free and open access by DigitalCommons@URI. It has been accepted for inclusion in Open Access Master's Theses by an authorized administrator of DigitalCommons@URI. For more information, please contact digitalcommons-group@uri.edu.

DYNAMIC RESPONSE OF ADDITIVELY MANUFACTURED 17-4PH1100 SS TO
SHOCK LOADING GENERATED BY PLATE IMPACT EXPERIMENTS

BY
MARK KEENAN

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE OF
MASTER OF SCIENCE
IN
MECHANICAL ENGINEERING AND APPLIED MECHANICS

UNIVERSITY OF RHODE ISLAND

2021

MASTER OF SCIENCE THESIS

OF

MARK KEENAN

APPROVED:

Thesis Committee:

Major Professor   Carl Ernst Rousseau

Co-Major Professor   Arun Shukla

David Taggart

George Tsiatas

Brenton DeBoef

DEAN OF THE GRADUATE SCHOOL

UNIVERSITY OF RHODE ISLAND

2020

This paper contains Controlled Unclassified Information (CUI) and therefore
cannot be released in its entirety.

Contact the University Of Rhode Island Office of Research Integrity