

Ductile damage model calibration for structural stainless steel using ABAQUS software: An overview.

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Abstract

A practical method for calibration of the phenomenological damage model for stainless steel grades IRS 350 CR (equivalent grade- ASTM A709 50 CR or ASTM A1010) and IRS 450 CR (equivalent grade- not defined) using the full-range engineering stress-strain curves from tensile coupon test.