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Edit Material

Name: Bottom Steel

Description:

Material Behaviors

Density

Elastic

Plastic

General Mechanical Thermal Other

Plastic

Hardening: Isotropic

☐ Use strain-rate-dependent data

☐ Use temperature-dependent data

Number of field variables: 0

Data

	Yield Stress	Plastic Strain
1	40.766	0
2	40.995	0.000286
3	41.223	0.000557
4	41.451	0.000829
5	43.743	0.00354
6	46.047	0.00623
7	48.364	0.00892
8	50.692	0.0116
9	53.032	0.0143

OK Cancel

The model database

Abaqus Note: Abaqus thread-based parallel execution is being used. Abaqus recommends using MPI-based parallel execution.

The job input file "Aug31_FeldmanBeam.inp" has been submitted for analysis.

Error in job Aug31_FeldmanBeam: THE PLASTIC STRAIN AT FIRST YIELD SHOULD BE SET TO ZERO

Job Aug31_FeldmanBeam: Analysis Input File Processor aborted due to errors.

Error in job Aug31_FeldmanBeam: Analysis Input File Processor exited with an error.

Job Aug31_FeldmanBeam aborted due to errors.

start Book1 trial_jan_beam Abaqus Example Pro... Finite Element Code ... Abaqus CAE Abaqus/CAE Version ... 2:21 PM