



## Simulation of Piston

**Date:** Wednesday, November 24, 2021

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**Study name:** Static 1

**Analysis type:** Static

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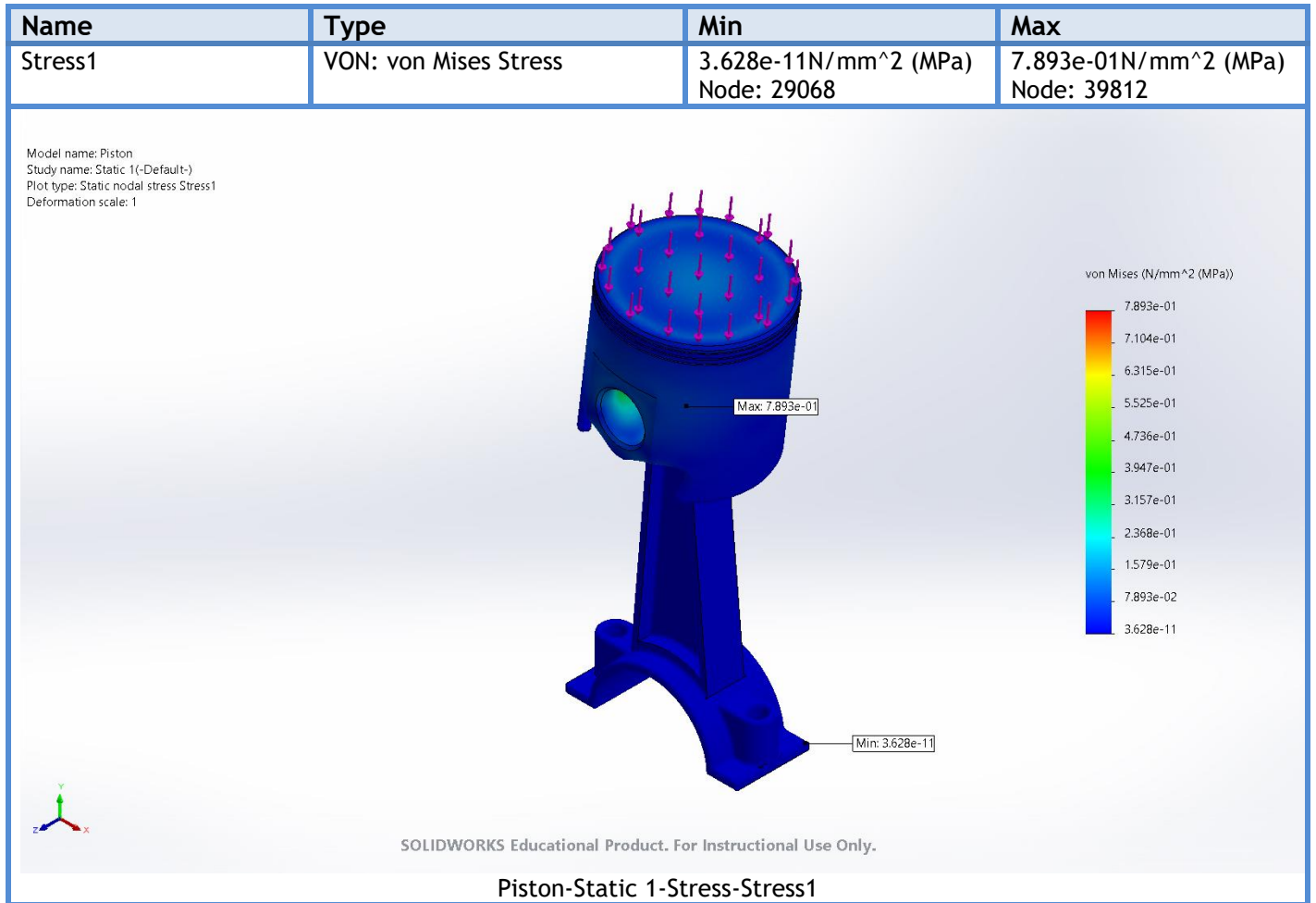
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### Description

Analysis of piston during expansion stroke

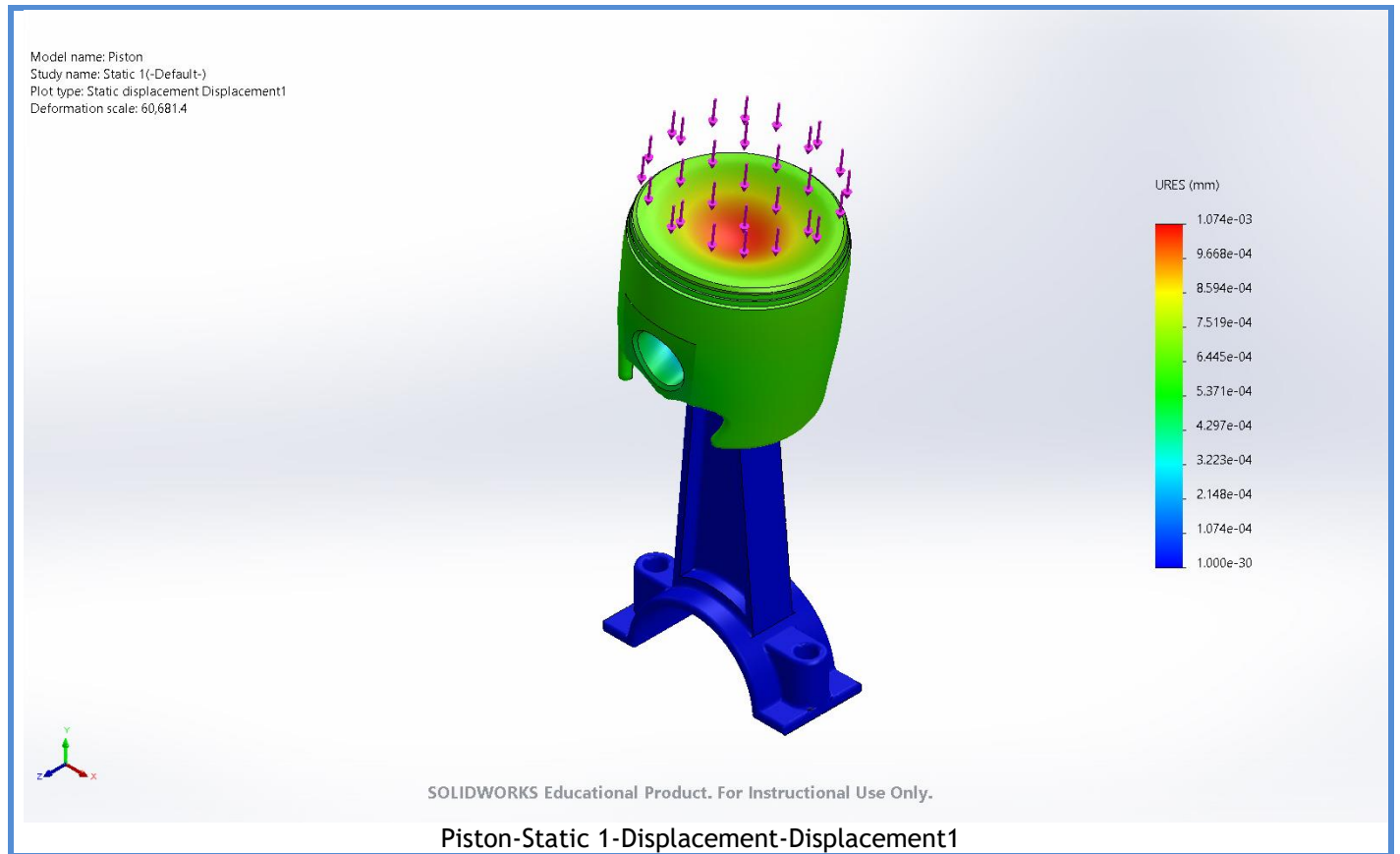


## Study Results



Name	Type	Min	Max
Displacement1	URES: Resultant Displacement	0.000e+00mm Node: 12	1.074e-03mm Node: 67247



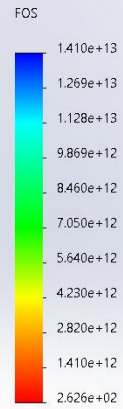
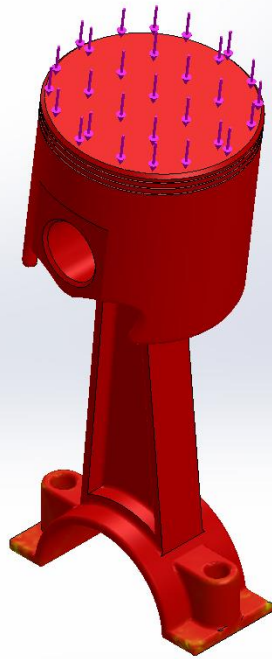


Name	Type	Min	Max
Strain1	ESTRN: Equivalent Strain	3.733e-16 Element: 8138	6.608e-06 Element: 23255



Name	Type	Min	Max
Factor of Safety1	Automatic	2.626e+02 Node: 39812	1.410e+13 Node: 22943

Model name: Piston  
Study name: Static 1(-Default-)  
Plot type: Factor of Safety Factor of Safety1  
Criterion : Automatic  
Factor of safety distribution: Min FOS = 2.6e+02



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Piston-Static 1-Factor of Safety-Factor of Safety1

