

Command Window

```
Choose unit system ['SI' || 'US']: "SI"
Total Elements : 2
Delta T (temperature change) [=> /C]: 120
Constrained expansion (delta 0) [=> m]: .0005
Length of Element (E:1) [=> m]: .3
Cross-sectional Area of Element (E:1) [=> m2]: 2
Modulus of Elasticity of Element (E:1) [=> Pa]: 75000000000
Coefficient of Thermal Expansion of Element (E:1) [=> /C]: 23e-6
Length of Element (E:2) [=> m]: .25
Cross-sectional Area of Element (E:2) [=> m2]: .8
Modulus of Elasticity of Element (E:2) [=> Pa]: 190000000000
Coefficient of Thermal Expansion of Element (E:2) [=> /C]: 17.3e-6
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```
Choose unit system ['SI' || 'US']: "US"
Total Elements : 2
Delta T (temperature change) [=> /F]: 180
Constrained expansion (delta 0) [=> in]: .02
Length of Element (E:1) [=> in]: 14
Cross-sectional Area of Element (E:1) [=> in2]: 2.4
Modulus of Elasticity of Element (E:1) [=> psi]: 15e6
Coefficient of Thermal Expansion of Element (E:1) [=> /F]: 12e-6
Length of Element (E:2) [=> in]: 18
Cross-sectional Area of Element (E:2) [=> in2]: 2.8
Modulus of Elasticity of Element (E:2) [=> psi]: 10.6e6
Coefficient of Thermal Expansion of Element (E:2) [=> /F]: 12.9e-6
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