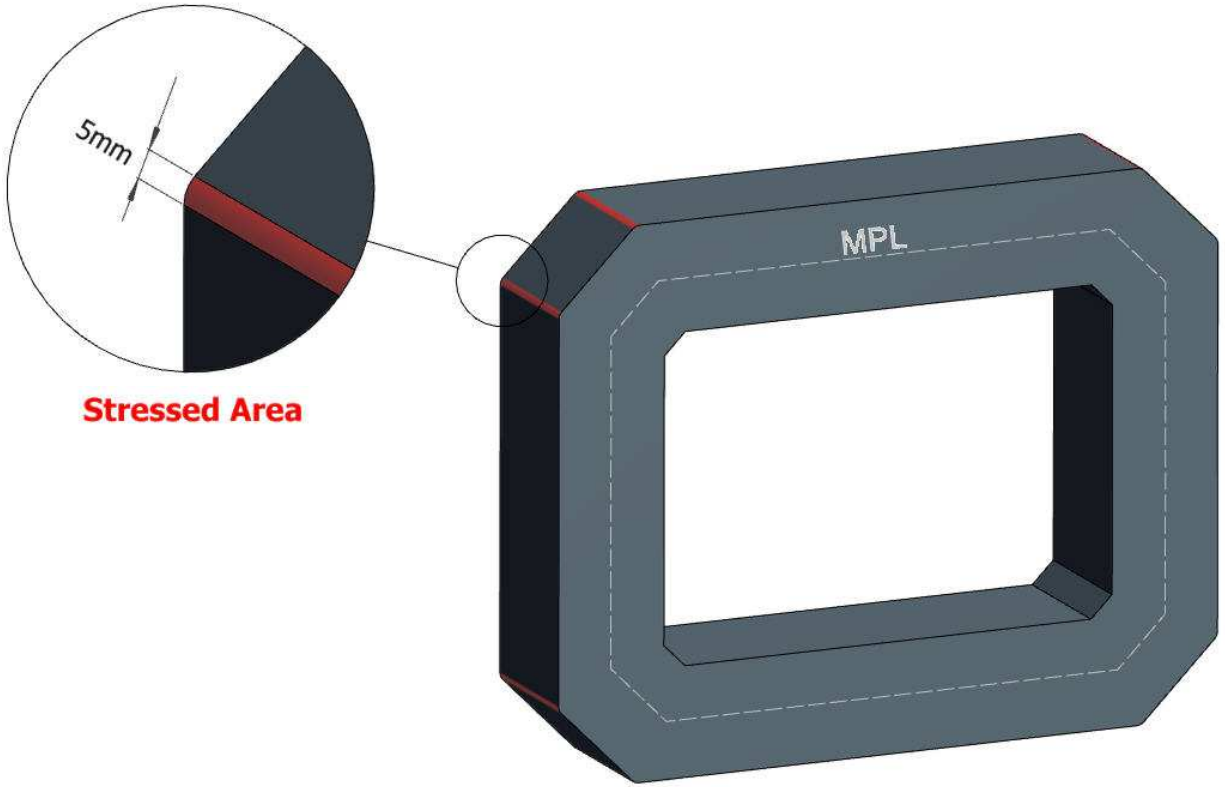
Need to Anneal?



As the Mean Path Length (MPL) of a Unicore increases, the advantages of annealing is greatly reduced

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UNICORE

Need to Anneal?

From the previous slide lets assume that each corner is deformed and therefore stressed by 5mm and the Mean Path Length (MPL) = 200mm

Then the percentage of stressed area = 8 * 5 = 40mm / 200mm = 20%

Now lets assume that the Mean Path Length (MPL) = 2000mm

The percentage of stressed area = 8 * 5 = 40mm / 2000mm = And therefore only **2%**

Large UNICORE may be used unannealed

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