# DIAGRAMME FER-CARBONE (Système Fer-Cémentite)

**Solution liquide**

**Solution solide ɣ**

**(Austénite**)

**Solution solide α + Fe3C**

**Solution liquide + solution solide δ**

**Solution liquide + Fe3C**

**Teneur en carbone en pour cent du poids**

**Teneur en cémentite en pour cent du poids**

**0 10 20 30 40 50 60 70 80 90 100**

**0 0,85 1 2 3 4 4,3 5 6 6,67**

**ɣ + Fe3C**

**500**

**600**

**700**

**800**

**900**

**1000**

**1100**

**1200**

**1300**

**1400**

**1500**

**723°C**

**1600**

**α (ferrite**)

T°C

**Fe3C**

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|  |  |  | **Liquide + ɣ** |  |  |  |  |  |  |  |  |  |  |
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| ɣ +α |  |  |  |  |  |  |  |  |  |  |  |  |  |
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