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principal; Inter the value of ultimate tensile strength '))
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be value of gross area required is *, 1.2 Agreq)
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 r(inpul) ( resple value; your an replace with your calculated value
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  he diameter of bolt hole is: , do
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 me minimum pitch is;", pmin)
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10 1: Vielding of Gross Section
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the rate of boards strongth due to statute at most section is ", tags
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miy Thi ", Thil)
s (((0 9 * Avn * fu) / (1.732 * Gamma_m1)) + ((Atg * fy) / Gamma_mo)) * 10**-3
et("B2.", 162)
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or ("Th", Th)
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my Ta*, Td)
 te a Tu
mint("SAF(")
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  Enter the value of ultimate tensile strength: 225
  inter the value of yield strength of steel:250 inter the value of ultimate strength of steel:410
  liter the value of ultimate strength of bolt:400
  Effer the value of partial factor of safety Gamma_mo(1 1
  Effer the value of partial factor of safety Gamma_m1:1.25
  liter the value of partial factor of safety Gamma_mb:1.25
  Be value of gross area required is: 1188.0
  fater the value of gross area of steel:1257 fater the length of connected leg 188
  liter the length of outstand leg:65
  liter the value of least thickness:8
  liter the value of diameter of bolt:20
  We disseter of bolt hole is: 22.0
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