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MACHINE DESIGN - An Integrated Approach 6-20-2 7 Substituting these into the equation above and solving for  $S_{ut}$ ,  $S_{ut} \leq 0.5 \cdot A \cdot C_{size} \cdot C_{reliab} \cdot MPa$   
 $1.5 \cdot MPa \leq S_{ut} \leq 395 MPa$  Based on this requirement, choose AISI 1020 cold-rolled steel that will be machined to size

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Machine design an integrated approach Material Type Book Language English Title Machine design an integrated approach Author(S) Robert L Norton Publication Data New Jersey: Prentice-Hall Publication€ Date 1996 Edition NA Physical Description XXIII, 1048 + CD-ROM Subject Engineering Subject Headings Machine design ISBN NA Copies NA Permanent

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