



Philadelphia University
Faculty of Engineering

Student Name:
Student Number :

Department of Mechanical Engineering
Mechanical Engineering Design 1

**Q1 what is the magnitude of yield strength and ultimate tensile strength for
AISI 1010 HOT ROLLED STEEL ?**

**Q1 what is the magnitude of yield strength and ultimate tensile strength for
AISI 1050 HOT ROLLED STEEL ?**

**Q1 what is the magnitude of yield strength and ultimate tensile strength for
AISI 1040 CD STEEL ?**