

# **Old Laboratory Notebook**

Specimen: A  
Steel grade 8620  
Carbon 0.20  
Manganese 0.80  
Quench at 900 C  
Tempered 1.8 hr  
880 MPa tensile strength.

Specimen: B  
Steel grade 1045  
Carbon 0.47  
Manganese 0.78  
Quench at 880 C  
Tempered 1.8 hr  
705 MPa tensile strength.

Specimen: C  
Steel grade 4140  
Carbon 0.42  
Manganese 0.88  
Quench at 920 C  
Tempered 2.0 hr  
890 MPa tensile strength.