

Fill the table below (some of the values are provided for your reference. Rest you have to either find out from the video or calculate from the graph).

S. No	Sample and Experiment details	Aluminium	Steel
1.	Initial diameter (m)		
2.	Initial cross sectional area (m ²)		
3.	Gauge length (mm)	18 mm	18 mm
4.	% Elongation (gauge section)		
5.	% Reduction in area (gauge section)		
6.	Load at yield point (N)		Upper: Lower:
7.	Yield Strength (MPa (N/mm ²))		Upper: Lower:
8.	Load at maximum (N)		
9.	Tensile strength (MPa (N/mm ²))		
10.	Young's modulus (GPa) (From Graph)		
11.	% Elongation (From Graph)		