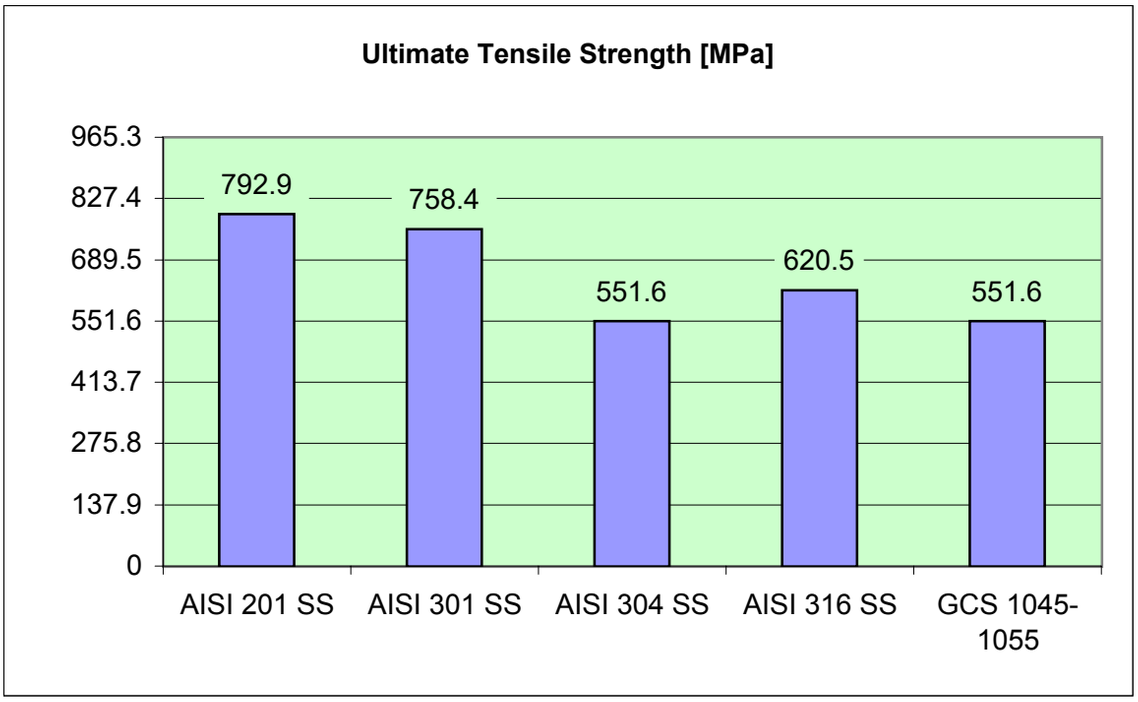
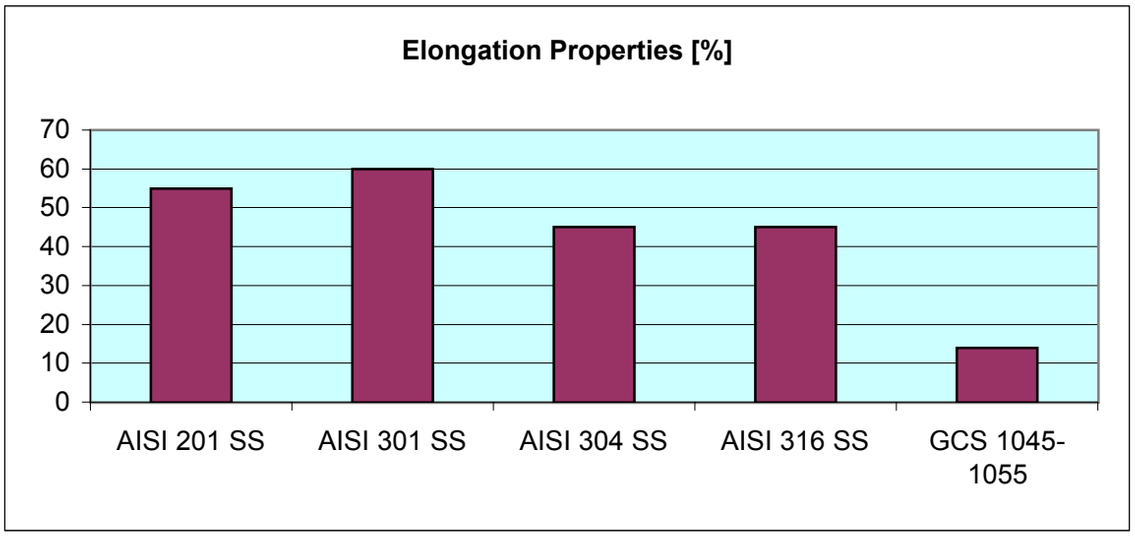
Comparison of Mechanical Properties

	Stainless Steel				Carbon Steel
	AISI 201 SS	AISI 301 SS	AISI 304 SS	AISI 316 SS	GCS 1045-1055
Ultimate Tensile Strength [MPa]	792.9	758.4	551.6	620.5	551.6
Elongation Properties [%]	55	60	45	45	14
Mechanical Properties [HRB]	90-95	85-90	70-90	70-85	80-95
Electrical Properties	Non-Magnetic	Non-Magnetic	Non-Magnetic	Non-Magnetic	Magnetic





MP-3-01

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