



Mechanical Properties of Cast Carbon and Low Alloy Steels

Class and Heat Treatment	Tensile Strength (ksi)	Yield Strength (ksi)	% Elongation	Hardness BHN
Carbon Steels				
60A	63	35	30	131
65N	68	38	28	131
70N	75	42	27	143
80 NT	82	48	23	163
85 NT	90	55	20	179
100 QT	105	75	19	212
Low-Alloy Steels				
65 NT	68	38	32	137
70 NT	74	44	28	143
80 NT	86	54	24	170
90 NT	95	64	20	192
105 NT	110	91	21	217
120 QT	128	112	16	262
150 QT	158	142	13	311
175 QT	179	160	11	352
200 QT	205	170	8	401