

Estimated Minimum Values

AISI & SAE No.	Type of Processing	Tensile Strength (psi)	Yield Strength (psi)	Elongation in 2 inches (%)	Reduction in Area (%)	Brinell Hardness
1006	Hot Rolled	43,000	24,000	30	55	86
	Cold Drawn	48,000	41,000	20	45	95
1008	Hot Rolled	44,000	24,500	30	55	86
	Cold Drawn	49,000	41,500	20	45	95
1010	Hot Rolled	47,000	26,000	28	50	95
	Cold Drawn	53,000	44,000	20	40	105
1012	Hot Rolled	48,000	26,500	28	50	95
	Cold Drawn	54,000	45,000	19	40	105
1015	Hot Rolled	50,000	27,500	28	50	101
	Cold Drawn	56,000	47,000	18	40	111
1016	Hot Rolled	55,000	30,000	25	50	111
	Cold Drawn	61,000	51,000	18	40	121
1017	Hot Rolled	53,000	29,000	26	50	105
	Cold Drawn	59,000	49,000	18	40	116
1018	Hot Rolled	58,000	32,000	25	50	116
	Cold Drawn	64,000	54,000	15	40	126
1019	Hot Rolled	59,000	32,500	25	50	116
	Cold Drawn	66,000	55,000	15	40	131
1020	Hot Rolled	55,000	30,000	25	50	111
	Cold Drawn	61,000	51,000	15	40	121
1021	Hot Rolled	61,000	33,000	24	48	116
	Cold Drawn	68,000	57,000	15	40	131
1022	Hot Rolled	62,000	34,000	23	47	121
	Cold Drawn	69,000	58,000	15	40	137
1023	Hot Rolled	56,000	31,000	25	50	111
	Cold Drawn	62,000	52,500	15	40	121
1024	Hot Rolled	74,000	41,000	20	42	149
	Cold Drawn	82,000	69,000	12	35	163
1025	Hot Rolled	58,000	32,000	25	50	116
	Cold Drawn	64,000	54,000	15	40	126
1026	Hot Rolled	64,000	35,000	24	49	126
	Cold Drawn	71,000	60,000	15	40	143
1027	Hot Rolled	75,000	41,000	18	40	149
	Cold Drawn	83,000	70,000	12	35	163
1030	Hot Rolled	68,000	37,500	20	20	137
	Cold Drawn	76,000	64,000	12	12	149
1035	Hot Rolled	72,000	39,500	18	18	143
	Cold Drawn	80,000	67,000	12	12	163
1036	Hot Rolled	83,000	45,500	16	16	163
	Cold Drawn	92,000	77,500	12	12	187
1037	Hot Rolled	74,000	40,500	18	18	143
	Cold Drawn	82,000	69,000	12	12	167
1038	Hot Rolled	75,000	41,000	18	18	149
	Cold Drawn	83,000	70,000	12	12	163
1039	Hot Rolled	79,000	43,500	16	16	156
	Cold Drawn	88,000	74,000	12	12	179
1040	Hot Rolled	76,000	42,000	18	18	149
	Cold Drawn	85,000	71,000	12	12	170