

## Carbon Steel Fasteners

Grade		Steel	Finished Minimum Strength	Cold Forming Strength
SAE	ISO			
1	4.8	Low Carbon 1006 - 1022	60 ksi 420 N/mm <sup>2</sup>	50 -65 ksi 345 – 450 N/mm <sup>2</sup>
2	5.8	Low Carbon Medium Carbon Cold Worked	75 ksi 520 N/mm <sup>2</sup>	50 – 85 ksi 345 – 600 N/mm <sup>2</sup>
5	8.8 9.8 10.9	Medium Carbon 1030 - 1038	120 ksi 830 N/mm <sup>2</sup>	65 -85 ksi 450 – 600 N/mm <sup>2</sup>
8	12.9	Alloy 5115,4037,4140, 8620,8740	150 – 260 ksi 1040 – 1800 N/mm <sup>2</sup>	85 – 100 ksi 600 -700 N/mm <sup>2</sup>