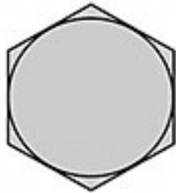
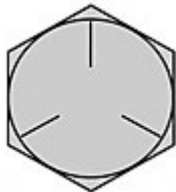

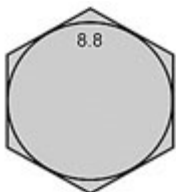
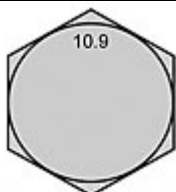


Fastener Identification Markings

Grade	Radial Bolt Markings	Material	Nominal Size Diameter/Inches	Proof Load psi	Tensile Strength minimum psi	Yield Strength minimum psi
Grade 2 No Radial Lines		Low or Medium Carbon Steel	1/4" to 3/4"	55,000	74,000	57,000
			Over 3/4" thru 1 1/2"	33,000	60,000	36,000
Grade 5 3 Radial Lines		Medium Carbon Steel	1/4" to 1"	85,000	120,000	92,000
			Over 1" thru 1 1/2"	74,000	105,000	81,000
Grade 8 6 Radial Lines		Medium Carbon Alloy Steel	1/4" thru 1 1/2"	120,000	150,000	130,000
Grade	Markings	Material	Nominal Size Diameter/Metric	Proof Load N/mm ²	Tensile Strength minimum N/mm ²	Yield Strength minimum N/mm ²
Metric 8.8		Medium Carbon Steel	All sizes under 16mm	580	800	640
			16mm thru 72mm	600	830	660
Metric 10.9		Alloy Steel	5mm thru 100mm	830	1040	940