

Bolt Grade Markings Chart

Head markings identify a bolt strength. This chart covers the common SAE, metric, and stainless designations.

Grade / class	Head marking	Material	Tensile (psi)
SAE Grade 2	No marking	Low carbon steel	74,000
SAE Grade 5	3 radial lines	Medium carbon steel, Q&T	120,000
SAE Grade 8	6 radial lines	Alloy steel, Q&T	150,000
Metric 8.8	8.8	Medium carbon steel, Q&T	116,000
Metric 10.9	10.9	Alloy steel, Q&T	151,000
Metric 12.9	12.9	Alloy steel, Q&T	177,000
Stainless A2-70	A2-70	304 stainless	101,000

Note: Metric: first digit = tensile strength / 100

Reference values only — verify against the governing standard or manufacturer before use.