

Bolt Tensile Comparisons

The tensile strength of a bolt is indicated with a Class or a Grade.

- A Metric bolt has a Class tensile strength
- An Imperial bolt has a Grade tensile strength

The table below shows the approximate equivalents between a Class and a Grade

Metric	Imperial
Class 4.6 Mildsteel	-
Class 8.8 High Tensile	Grade 5 High Tensile
Class 10.9 High Tensile	Grade 8 High Tensile
Class 12.9 High Tensile	Grade 9 High Tensile