

Manufacturing Fasteners Training| Interpret Metric Bolt Designations

Fasteners - W19008-XX01XEN-E1

Objective 6: Explain How US Customary Bolts Are Designated


Nut Specification

Nut specifications are basically the same as bolts.

They include the thread diameter, pitch, type of thread, and class of fit.

The class of fit is followed by the letter B to indicate that it has internal threads.

A nut specification differs from a bolt specification in that the fastener length is not given and instead of a head type, the type of nut is indicated.



5/8 - 11 UNC - 2B Hex Nut

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Learning System: 950-FNS1

This Manufacturing Fasteners training course – presented in a stunning multimedia format – covers a wide variety of fasteners commonly found in manufactured products and processes.

Teach Fasteners

A Variety of Fasteners

The Fasteners Learning System covers applicable knowledge of bolt types, sizes and grades, as well as screws, washers, locking nut devices, pins, and keys. Learners develop a good understanding of both threaded and non-threaded fasteners. This course covers skills like interpreting metric bolt designations and identifying screw types, washer types, nut locking devices, pins, and clips.

Interactive eLearning

In-Depth eLearning Curriculum Connected to Real-World Skills

Amatrol's [eLearning curriculum](#) is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills. Amatrol's eLearning integrates various types of learning methods to create an engaging, effective learning experience. Amatrol's multimedia eLearning curriculum includes text with voiceovers, videos, 3D animations, pictures, and interactive activities, quizzes, and self-reviews. For example, the fasteners eLearning course covers important topics, such as bolt types, sizes, and grades; screws; washers; locking nut devices; pins; and keys.

Free Learning Management System (LMS)

Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as

they thought they did, they can revisit it before moving on.

Additional Info

Requires: Computer: [See Requirements](#)

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