Mechanical Components



Screws nuts and bolts.

Fastener Categories







Machine Screws thine screws with a thread ting (self tapping) point.



Sheet Metal Screws
Fully threaded screws with a



Eye Lags Similar to an eye bolt but with wood threads instead of machine thread.







Hex Heavy Hex ix sided nut. Also referred to as a Finished Hex Nut. Heavier pattern version standard hex nut.



k Wing
A nut with 'wings' for hand
tightening.



Tee

A nut designed to be driven
into wood to create a threade



Nut Types





on Insert Lock Jai with a nylon insert to A hex nut wit ent backing off. Also heig



Cap at with a domed top over Acorn in the end of the fastener. type



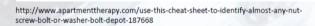
Prevailing Torque Lock
A non-reversible lock nut used
for high temperature applica-



Slotted
Slotted nuts are used in conjunction with a cotter pir on drilled shank fasteners to



Castle
Castle nuts are used in
conjunction with a cotter pi
on drilled shank fasteners t





Success or failure of a University of South Australia design can hinge on proper selection and use of its fasteners

www.thomasnet.com

Boeing 747 uses about 2.5 million fasteners



http://en.wikipedia.org/wiki/Seattle#mediaviewer/File:Boeing_747-8_Test_Planes_in_Assembly.jpg