




# METAL FASTENERS

## Key Revision Facts: GCSE Technology

Name	Characteristics	Image
<p>Bolts - The bolt consists of a head and a cylindrical body with screw threads along a portion of its length.</p> <p>Bolts are typically used with nuts and washers with a clearance hole to join two pieces together.</p>	The head usually has a hexagon profile.	
<p>Nut – A nut has internal threads to match those of a bolt.</p>	Usually have a hexagon profile. Used with bolts and machine screws to apply pressure	
<p>Nylon Lock Nut - A lock nut with a plastic insert that resists loosening</p>	Single-use, vibration resistant.	
<p>Machine Screw - a fastening device similar to a bolt but having a socket in its head, allowing it to be turned with a screwdriver.</p> <p>Machine screws are typically used with a threaded hole to secure two parts together.</p>	Many different driving methods and diverse profiles.	
<p>Pop Rivet - a tubular rivet inserted into a hole and clinched by the withdrawing of a central rod, used where only one side of the work is accessible.</p>	Semi-permanent joining of two or more pieces.	
<p>Snap Rivet - consist of a Male and Female component that snap together with finger pressure and provide a neat appearance on both sides of the assembly</p>	Semi-permanent joining of two or more pieces.	
<p>Washer - ring fixed between two joining surfaces or between a nut and a bolt to spread the pressure or act as a spacer or seal.</p>	Flat disc shape with a hole.	

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## VERSION INFORMATION

Date	Arthur	Comment
13-Mar-2021	Andrew Seaford	Initial release.