

Fastener Acronyms



Acronym	Term	Description
AN	Aeronautical Standards Group	Precedes the dimensional specifications developed by the Aeronautical Standards Group.
ASNSI	American National Standard Institute	The American National Standard Institute (founded 1918) was formed to create a national standard for sizing.
ASME	American Society of Mechanical Engineers	The American Society of Mechanical Engineers (founded 1881) was created to peruse research, education and improvement of the industry while also placing a strong emphasis on public safety.
ASTM	American Society for Testing & Materials	The American Society for Testing & Materials (founded 1898) aims to promote safety and health by sharing information about the reliability of different aspects in the manufacturing industry.
CS	Countersink	A drilled hole with a wider rim so that a screw or bolt can sit inside that area and be flush with the surface it is installed into.
DIN	Deutsches Institut Für Normung	Din, 1917, is the German institute for standardization. They focus on the technical and scientific creation of technical standards.
En-Standards (CEN)	European Committee of Standardization	CEN was created to be a mediator between the European Union and European Free Trade Association. They were to pass resolutions which both parties must adhere to.
FT	Fully Threaded	Threading that starts at the tip of the screw and goes all the way to the undercut of the head.
GR	Grade	A level of material that describes its composition.
HDG	Hot Dip Galvanized	A process that adds a layer of corrosion resistance by dipping fabricated steel into a kettle containing molten zinc.
IFI	Industrial Fastener Institute	Founded in 1931, the Industrial Fastener Institute is an association who supports standards for the mechanical fastener industry. They often develop standards when one does not exist until a national standard can be provided.
ISO	International Organization for Standardization	The ISO, is a federation of 158 countries from all over the world. Based in Switzerland, they propose, develop and implement new standards and then deliver them to the world.
LF	Large Flange	A wider surface area, often with a much greater outer diameter, than the typical surface area. Ex: Large Flange Rivets.
MS	Military Standards	Standardized objectives created by the U.S. Department of Defense.
Prop 65	California's Safe Drinking Water and Toxic Enforcement Act	A warning label that protects Californians from chemicals which can cause long term health defects.
PT	Partially Threaded	Threading that starts at the tip of a screw and stops at some point allowing for the screw or bolt to have a shoulder.
REACH	Authorization and Restriction of Chemicals	A European regulation created to test and determine if chemicals are safe and can be used.
RoHS	Restriction of certain Hazardous Substances	RoHS is a directive to restrict hazardous substances in electrical and electronic equipment. Any fastener that is a component of electrical parts and placed on the European Union market must adhere to this restriction.
SAE	Society of Automotive Engineers	A society, founded in 1905, to test and create standards for the automotive industry. They also develop standards for heavy duty and aerospace vehicles.
SD	Self Driller or Self Drilling Screws	Primarily used to drill into steel and join materials such as sheet metal
SEMS	Pre-assembled Screws	Pre-made screw and washer assemblies. (ex: Roofing Screws)
SLT	Slotted	A common drive style which is also commonly called a flat head.
SMS	Sheet Metal Screws	Sharp threaded screws used to cut into soft metals, wood or plastics.
UN	Thread Sizing	A series of threading for applications where UNC, UNF, UNEF and UNS are not applicable.
UNEF	Unified National Extra Fine	Threads even smaller than fine threading these extra fine threads are commonly used on very small screws to make the screw stronger.
UNC	Unified National Coarse	Coarse threading that is the preferred thread for general use.
UNF	Unified National Fine	Fine threading that is not as strong as coarse threading. They do offer finer adjustments than coarse threads.
UNR	Unified Round	The root radius must be rounded but does not necessarily have to be inspected.
UNS	Unified Special	Threads that are tpi(threads per inch) specified but are limited to a specific diameter.