

Glossary

Alloy steel - is steel that is alloyed with a variety of elements in total amounts between 1.0% and 50% by weight to improve its mechanical properties.

Hot rolling - is a mill process which involves rolling the steel at a high temperature,. When steel is above the recrystallization temperature, it can be shaped and formed easily, and the steel can be made in much larger sizes.

Cold rolled steel - is essentially hot rolled steel that has had further processing. The steel is processed further in cold reduction mills, where the material is cooled (at room temperature) followed by annealing and/or tempers rolling.