

Brass



VEL STEEL TRADERS

Brass is an alloy of both copper and zinc. It has low friction properties and acoustic properties, which make it one of the most popular metals to use when making musical instruments. It is commonly used as a decorative metal because of its resemblance to gold. It is also germicidal which means it can kill microorganisms on contact.

Other applications include architectural uses, condenser/heat exchangers, plumbing, radiator cores, musical instruments, locks, fasteners, hinges, ammunition components, and electrical connectors.

As brass is stronger and stiffer than pure copper, it is more susceptible to developing stress cracks. Malleability and formability. Compared to bronze, brass is more malleable. Additionally, it is easy to cast or work.

One of the metals called "red brass" is 85% copper, 5% tin, 5% lead, and 5% zinc. Copper alloy C23000, which is also known as "red brass", contains 84–86% copper, 0.05% each iron and lead, with the balance being zinc.