

Research of metal

A metal may be a chemical element such as iron; an alloy such as stainless steel; or a molecular compound such as polymeric sulfur nitride. In physics, a metal is generally regarded as any substance capable of conducting electricity at a temperature of absolute zero.

Metals are lustrous, malleable, ductile, good conductors of heat and electricity. Other properties include: ...

Hardness: All metals are hard except sodium and potassium, which are soft and can be cut with a knife.

Valency: Metals typically have 1 to 3 electrons in the outermost shell of their atoms.

There are a variety of standard sheet metal sizes, including: 36" x 96" 36" x 120" 36" x 144

**What is the weight of metal?
specific weight metal and alloy**

metal or alloy	weight (kg/dm³)
stainless steel	7.48 - 8
rolled steel	7.85
aluminium foil	2.7 - 2.75
melted aluminium	2.56 - 2.64