GAGE 78
earth metal™
DIMENSIONAL SURFACING

Design Definitions

Temper: refers to the combination of hardness and strength imparted to the 6063 aluminum alloy by mechanical or thermal treatments.

T5 Temper: produces the tensile strength of 22,000 psi and the yield strength of 16, 000 psi.

Tensile Strength: is defined as the maximum stress that a material can withstand while being stretched or pulled before failing or breaking.

Yield Strength: is the stress at which a specified amount of permanent deformation of a material occurs.