

SHEET METALS COMPONENTS

All types of components using sheet metal of thickness varying from 0.2 mm to 6 mm are manufactured conforming to customer specifications.

USES:

Sheet metal is **metal** formed by an industrial process into thin, flat pieces. It is one of the fundamental forms used in **metalworking** and it can be cut and bent into a variety of shapes. Countless everyday objects are fabricated from sheet metal. Thicknesses can vary significantly; extremely thin thicknesses are considered **foil** or **leaf**, and pieces thicker than 6 mm (0.25 in) are considered **plate**. Sheet metal is used in automobile and truck (lorry) bodies, airplane fuselages and wings, medical tables, roofs for buildings (architecture) and many other applications. Sheet metal of iron and other materials with high magnetic **permeability**, also known as **laminated steel cores**, has applications in **transformers** and **electric machines**. Historically, an important use of sheet metal was in **plate armor** worn by **cavalry**, and sheet metal continues to have many decorative uses, including in **horse tack**. Sheet metal workers are also known as "tin bashers" (or "tin knockers"), a name derived from the hammering of panel seams when installing tin roofs.