the production method of the steel

Most steel is processed by press working, to be processed steel (billet, ingot, etc.) to produce plastic deformation. According to different temperatures in steel processing sub cold and hot working two kinds. The main steel processing method are:

Rolling: The metal blank by a gap (of various shapes) rotating rolls, rolls due to compression of the material cross-section is reduced, the length of the increased pressure processing method, which is producing the most common mode of production of steel, mainly used production profiles, sheet, pipe. Sub cold-rolled, hot-rolled.

Forging: the use of a reciprocating hammer impact force or pressure to press the blank into a we need to change the shape and size of a pressure-processing methods. Generally divided into free forging and forging, commonly used for the production of large profiles, cogging and other cross-sectional dimensions larger material.

Pullout: is already rolled metal blanks (type, tube, products, etc.) through a die orifice pull aside to reduce the length of the increase in cross-section processing methods are mostly used as a cold.

Extrusion: is placed in a closed metal extruded profile, a pressure is applied to one end of the metal from the predetermined extrusion die orifice to obtain with the same shape and size of the finished processing method used for the production of non-ferrous materials.

Classification of steel

Wire: Cape Line High Line rebar

Profile: square steel beam angle channel heavy rail Engineering steel H-beam steel flat bar unequal angle steel rail gear

Steel Bars structural hexagonal round co-workers round square tube carbon tool steel bearing steel bar stainless steel bar bearing carbon structural round spring steel rectangular tube

Plate: Plate container board plate carbon plate boiler plate low-alloy plate checkered cold hot plate hot rolled coil galvanized cold rolled coil, galvanized sheet galvanized coil color coated silicon manganese plate Color corrugated stainless steel plates Hot-rolled steel coil galvanized iron

Pipe: welded stainless steel pipe galvanized pipe cold galvanized pipe seamless hot-rolled seamless spiral

Metal Material: cast iron aluminum tin lead zinc tin brass

Steel can be divided into sections according to shape, sheet, pipe, metal products four categories.