



DIN 17155 17Mn4 steel works / steel structure / steel machining parts

Katalor Enterprises is a big complex combined steel stockist whose business related with trade, processing, storage and transportation etc. Katalor Enterprises occupies a total area of more than 20,000 square meters workshop and 500,000 tons steel stock. It is specialized in producing and exporting 17Mn4 steel works etc.

17Mn4 steel works is a kind of material for boiler and pressure vessel steel, characterized by minimum yield strength of 230 - 290 MPa and good weldability.

17Mn4 steel structures are mainly used for manufacturing boilers, pressure vessels.

17Mn4 Steel Machining Parts Chemical Composition

| steel grade | | 17Mn4 steel machining parts Chemical composition | | | | | | | | | | | | |
|-------------|--------------|--|-------|--------------|-------|-------|--------|-------|------|-------|------|------|------|------|
| Steel name | Steel number | C | Si | Mn | P | S | Al | Cr | Cu | Mo | Nb | Ni | Ti | V |
| 17Mn4 | 1.0481 | 0.14 to 0.20 | ≤0.40 | 0.90 to 1.40 | 0.035 | 0.030 | ≥0.020 | ≤0.25 | 0.30 | ≤0.10 | 0.01 | 0.30 | 0.03 | 0.03 |

Office Address: Room 301, Unit 6, lane 2500, xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai



17Mn4 Steel Work Mechanical Properties

| steel grade | | Upper yield point ReH | | | | | tensile strength Rm For product thicknesses in mm | | | Elongation at break (L=5d00) | | Impact strength (ISO-V transverse specimens) Average of three samples | | | |
|-------------|--------------|-----------------------|-----|-----|------|------|--|--------|--------|---------------------------------|-----|---|-----|----------|-----|
| Steel name | Steel number | ≤16 | >16 | >40 | >60 | >100 | ≤60 | >60 | >100 | ≤60 | >60 | ≤60 | >60 | ≤60 | >60 |
| | | | to | to | to | to | | to | to | | to | | to | | to |
| | | 0 | ≤40 | ≤60 | ≤100 | ≤150 | 0 | ≤100 | ≤150 | 0 | 50 | 0 | 50 | 0 | 50 |
| | | N/mm2 min | | | | | N/mm2 | | | % | | at 0 °C | | at 20 °C | |
| | | | | | | | | | | min | | J min | | J min | |
| 17Mn4 | 1.0481 | 290 | 285 | 280 | 255 | 230 | 460 | 450 | 440 | 21 | 20 | 31 | 31 | - | - |
| | | | | | | | To 580 | To 570 | TO 570 | | | | | | |



Shanghai Katalor Enterprises

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17Mn4 steel machining parts Heat Treatment: annealing, quenching, tempering, quenching.

17Mn4 steel work process: cutting, drilling, bending, beveling, welding

Katalor Enterprises has established a full set of strict quality control system, advanced manufacturing technics and equipment. As the big stockiest and supplier of 17Mn4 steel machining parts, we can supply many kinds of the products. If you have any demand of 17Mn4 steel work price, please do not hesitate to contact us.

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Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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