

AUSTENITIC STEELS

Available Product Variants

Plates

Product Description

Austenitic chromium-nickel-silicon steel with extra low carbon content. High corrosion resistance against highly concentrated nitric acid (80 – 99,5%) or nitric acid with additions of strong oxidiser. Resistant to intergranular attack up to 350 °C.

Components in the chemical industry, e.g. heat exchanger, columns, acid refrigerators, transport and storage tanks. Application temperature: -50°C up to 350°C.

Process Melting

VID

Applications

- > Comp. for Chemical plants (incl. LNG, FGD, Urea, LDPE, etc.)
- > Other Oil and Gas + CPI comps.
- > Tubular Products, Flanges, Fittings

Technical data

Material designation	
S30601	UNS

Chemical composition (wt. %)

C	Si	Mn	Cr	Ni
≤ 0,015	5.5	0.65	17.5	17.5

The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.