

FERRITIC AND MARTENSITIC STEELS, INCL. PRECIPITATION HARDENING STEELS

Available Product Variants

Plates

Product Description

Provides valuable property combinations particularly well suited for aerospace applications.

Properties

Semi austenitic precipitation hardening stainless steel that provides high strength, excellent fatigue properties, good corrosion resistance, good formability and minimum distortion upon heat treatment. It is easily formed in the annealed condition. In its heat treated condition this alloy provides exceptional mechanical properties at temperatures up to 480°C.

Applications

> Other Aerospace Comps.

> Structural parts (Aerosp)

Technical data

Material designation		Standards	
1.4564	SEL	5528	AMS
17-7 PH	Market grade		

Chemical composition (wt. %)

C	Si	Mn	Cr	Ni	Al
0.07	0.4	0.65	16.8	7.2	1

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.

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ONE STEP AHEAD.