

STAINLESS STEEL HISTORY

1904

FIRST DOCUMENTED
French scientist Leon Gillet documents the constitution of stainless steel

1911

German scientist Philip Monnartz publishes the first detailed work on the **CORROSION RESISTANCE OF STAINLESS STEEL**

1924

Brearely's successor W. H. Hatfield patents the 18-8 stainless steel made of:

18% CHROMIUM & 8% NICKEL

1912

Krupp Iron Works patents the first austenitic stainless steel made of:

21% CHROMIUM & 7% NICKEL

1913

Harry Brearely patents the first martensitic stainless calling it **"RUSTLESS STEEL"**



1914

Brearely works with manufacturer Thomas Firth & Sons and cutlery company George Ibberson & Co to **make the first stainless steel knives** for the public population

1925

A stainless steel tank is used to store nitric acid, establishing the unique metal's **RESISTANCE TO CORROSION**

1926

THE FIRST SURGICAL IMPLANTS made of stainless steel are crafted

1928

THE FIRST STAINLESS STEEL FERMENTING VESSEL is used to brew beer

1931

THE FIRST STAINLESS STEEL AIRCRAFT is manufactured



1930s

USA builds the first **STAINLESS STEEL TRAIN**

1935

STAINLESS STEEL SINKS are now widely used



1954

the first stainless steel **UNDERWATER TV** is manufactured



1966

France completes the first tidal power station with **STAINLESS STEEL TURBINE BLADES**

1980s

Stainless steel is used in the construction of the **LONGEST MOVABLE FLOOD BARRIER** in the world on the River Thames

Global production of stainless steel reaches **1808 MILLION TONNES**

Steel consumption in Australia reaches **170.9KG PER CAPITA**

2018

Sources:

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STATTIN STAINLESS
WHERE STAINLESS STEEL FITTINGS LIVE