

# **Download Metals Handbook Vol. 3 : Properties And Selection - Stainless Steels, Tool Materials**

In metallurgy, stainless steel, also known as inox steel or inox from French *inoxydable* (inoxidizable), is a steel alloy, with highest percentage contents of iron, chromium, and nickel, with a minimum of 10.5% chromium content by mass and a maximum of 1.2% carbon by mass. A commonly known example is the Boeing 787 Dreamliner which uses composite materials as the primary material in the airframe structure, although also includes 20% aluminium, 15% titanium, 10% steel, and 5% other . In modern car body structures high strength steels can be used in the longitudinal beams for strength, aluminium alloys in bumper ...1. Introduction1.1. Definition and classification of biodegradable metals. The traditional paradigm of metallic biomaterials requires metals with improved corrosion resistance in the body. Since 1995 The HERRING GROUP Inc has specialized in heat treat consulting industrial education, technical writing and help solving industrial Heat Treating problems