

36CRNIMO16, 1.6773, 35NCD16, 30NCD16

36NiCrMo16, 35NCD16, 30NCD16 are chromium-nickel-molybdenum alloy structural steels suitable for heavy mechanical parts and the aerospace industry.

These materials (and their substitutes) are characterized by a significantly higher nickel content than 36HNM, 34HNM, 38HNM, resulting in better tensile strength and yield point. In addition, they exhibit very good hardenability, impact resistance, load, deformation, wear resistance and tensile strength.

30NiCrMo16 / 1.6747 has a lower carbon content, as indicated by the standard itself. The 35NiCrMo16 / 1.2766 grade is classified as a tool steel and is used to produce special knives or molds for plastic production.

Chemical Composition