

Alloys for Oil and Gas Industry

HUISHIH FORGING has been a reliable supplier of high-value nickel alloys to the oil and gas industry in China.

In oil and gas engineering, safe and reliable materials are always the top priorities.

Crude oil and natural gas are organic mixtures with widely varying compositions, depending on their deposits. The standard components of crude oil include hydrocarbons and sulphur, oxygen and nitrogen compounds. Natural gas consists of methane, ethane, propane and other secondary constituents such as sulphuric acid. Resistance to pitting, crevice and stress corrosion is therefore one of the most important characteristics of materials used in the production of oil and gas.

The quality of our products and service is based on our integrated production chain in China. Materials made by HUISHIH FORGING pass through especially stringent quality control. We perform extensive testing on each single product according to the respective customer specifications which define physical and mechanical properties as well as corrosion behavior, thus contributing to safe and reliable operations.

Our forgings, produced for example from Inconel 718, Inconel 625 and Monel K-500, are used in many different areas, including the manufacturing of hanger and packer systems, completion tools, pump shafts and flanges as per specification NACE MR0175 / ISO 15156-3, API 6ACRA and etc.



Designation	UNS	W.N.	DIN EN	GB/T
Hastelloy C-22	N06022	2.4602	NiCr21Mo14W	NS3308, NS338
Hastelloy C-276	N10276	2.4819	NiMo16Cr15W	NS3304, NS334
Inconel 625	N06625	2.4856	NiCr22Mo9Nb	NS3306, NS306
Inconel 690	N06690	2.4642	NiCr29Fe	NS3105, NS315
Inconel 718	N07718	2.4668	NiCr19Fe19Nb5Mo3	GH4169, GH169
Inconel X-750	N07750	2.4669	NiCr15Fe7TiAl	GH4145, GH145
Incoloy 825	N08825	2.4858	NiCr21Mo	NS1402, NS142
Incoloy 925	N09925	2.4852	NiCr20FeMo3TiCuAl	
Incoloy 28	N08028	1.4563	X1NiCrMoCu31-27-4	
Incoloy 25-6Mo	N08926	1.4529	X1NiCrMoCuN25-20-7	
Monel 400	N04400	2.4360	NiCu30Fe	
Monel K-500	N05500	2.4375	NiCu30Al	

You could send email to sales@huishih.com for more information.

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