PRODUCT BROCHURE

Inconel 718

Nickel-Based Alloys / Inconel Alloy

Nickel-iron-chromium alloy with custom supply and processing options.



UNS	W.Nr.	Equivalent grades
N07718	**2.4668**	**Alloy 718 / GH4169**

Product Forms and Processing

Choose a product form and specify the diameter, width or thickness your order requires.

Product Forms

- Round Bar
- Flat Bar
- Forged Bar
- Sheet
- Plate
- Wire

Processing Services

- Cutting
- Forging
- Bending
- Welding
- Machining

Supply and Ordering

Minimum order	Samples	Payment terms
200 kg / Flexible	**Available**	**T/T or L/C**

Standard seaworthy export packaging

Product Parameters

Chemical Composition

Content (% by weight)

Element		Content (%)
Ni	Nickel	50-55
Fe	Iron	Remainder
Cr	Chromium	17-21
Mo	Molybdenum	2.8-3.3
Nb	Niobium	4.75-5.5
Ti	Titanium	0.65-1.15
Al	Aluminum	0.2-0.8
Co	Cobalt	≤ 1

Element		Content (%)
C	Carbon	≤ 0.08
Mn	Manganese	≤ 0.35
Si	Silicon	≤ 0.35
Cu	Copper	≤ 0.30
B	Boron	≤ 0.006
P	Phosphorus	≤ 0.015
S	Sulfur	≤ 0.015

Material and Supply Specifications

Material	Nickel-iron-chromium alloy
Equivalent grades	Alloy 718 / GH4169
Reference standards	ASTM B637, ASTM B670, ASME SB637, ASME SB670
Elongation (listed value)	≥ 20
Diameter / width and thickness	Custom dimensions to your requirements
Place of origin	Zhejiang, China

Specify the Required Standard

Confirm the applicable standard, material condition and test requirements when ordering.

Application Scenarios



Gas turbines



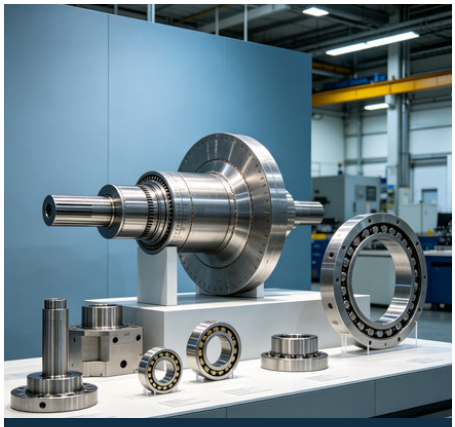
High-temperature fasteners



Aerospace engines



Turbine components



Shafts and rings

Why Choose SHENDE

Stable Quality

Annual ISO 9001, CE and SGS approvals.

Factory Direct Supply

Direct pricing and flexible T/T or L/C payment terms.

Custom Processing

Custom dimensions and OEM/ODM support.

On-Time Delivery

Enquiry replies within 24 hours and standard export packaging.

Request a Quote

Share the product form, dimensions, quantity, required standard and delivery requirements.

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Open the enquiry page